1948
Archives QH 76.5.S6 U5 pt. 1
United States. National Park
Service.
Southwestern National
Monuments; monthly reports
5660

Jan to June 1948

DATE DUE

CAYLORD			PRINTED IN U.S.A.

~~Field Key~~
mail

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico,

Jan 48

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
(1) ✓Bandelier	Fred Brinemann	2/17/48	
(9) ✓Tuzigoot	E Bright	4/13/48	4/15/48
(3) ✓Montezuma Castle	H. Hastings	4/9/48	4/12/48
(1) ✓Canyon de Chelly	[illegible]	4/2/48	4/6/48
(6) ✓El Morro	Betty Wilson	3-29-48	3-31-48
(4) ✓Aztec Ruins	[illegible]	3/14/48	3/18/48
(5) ✓Chaco Canyon	[illegible]	3/24/48	3/26/48
(11) ✓Capulin Mountain	[illegible]	4-18-48	4-29-48
(9) ✓Gran Quivira	[illegible]	4-19-48	4-20-48
(8) ✓Arches	[illegible]	3/4/48	3/7/48
(12) Region Three Office			
(2) Great Sand Dunes.	Jell Towers.	2-28-48	3-3-48

9251

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

February 6, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following the narrative report for Naturalists of the Southwestern National Monuments for the month of January, 1948:

Staff Activities - General

Naturalist Dale S. King was in the office except for seven days, January 19-25, which were spent at Bandelier.

Archeologist Charlie R. Steen made one field trip early in the month to visit Casa Grande and Gran Quivira.

Administration - Interpretation

Tumacacori exhausted its supply of 2-fold leaflets, and preparation of mimeographed copies was started at Santa Fe.

Reports from the field of estimated needs for sales publications were assembled and forwarded. Since many of the Southwestern National Monuments have no sales or storage facilities for sales literature, our immediate ability to avail ourselves of sales literature is considerably curtailed.

Progress in Exhibit Plans and Projects

Pablita Velarde Hardin entered on duty as Museum Preparator at Bandelier January 19. Naturalist King worked seven days at Bandelier preparing air-brushed backgrounds on which Mrs. Hardin will paint illustrations for case No. 16 which deals with native government in the Rio Grande pueblos. Work was considerably hampered by lack of a museum workroom and heat in the museum itself. When empty case No. 16 was opened after eight years, moisture was discovered to have seeped through the outside wall of the building into the case. The wall was painted with Aquella in an attempt to waterproof the case, which also was thoroughly caulked with commercial caulking compound. King also constructed a wooden terrace for the lower part of the case, and made backgrounds for paintings which will be placed in the case entitled "Seasonal Ceremonies of the Pueblos", No. 18.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

February 6, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following the narrative report for Naturalists of the Southwestern National Monuments for the month of January, 1948:

Staff Activities - General

Naturalist Dale S. King was in the office except for seven days, January 12-18, which were spent at Bandelier.

Archeologist Charles E. Steen made one field trip early in the month to visit Casa Grande and Gran Quivira.

Administration - Interpretation

Tuzescort exhausted its supply of 3-fold leaflets, and preparation of mimeographed copies was started at Santa Fe.

Reports from the field of estimated needs for sales publications were assembled and forwarded. Since many of the Southwestern National Monuments have no sales or storage facilities for sales literature, our immediate ability to avail ourselves of sales literature is considerably curtailed.

Progress in Exhibit Plans and Projects

Pabita Velarde Durbin entered on duty as Museum Preparator at Bandelier January 12. Naturalist King worked seven days at Bandelier preparing air-brushed backgrounds on which Mrs. Durbin will paint illustrations for case No. 16 which deals with native government in the Rio Grande pueblos. Work was considerably hampered by lack of a museum workroom and best in the museum itself. When empty case No. 16 was opened after eight years, moisture was discovered to have seeped through the outside wall of the building into the case. The wall was painted with Aquella in an attempt to waterproof the case, which also was thoroughly caulked with commercial caulking compound. King also constructed a wooden terrace for the lower part of the case, and made backgrounds for paintings which will be placed in the case entitled "Seasonal Ceremonies of the Pueblos", No. 16.

Accessions - Other Than Library

Steen cleaned and re-arranged a storage room in the basement of Region Three Office building, and assembled and installed steel shelving which was received during the month. The facilities thus afforded will handle the small collections which are kept here, and will make available space for sales publications of the Southwestern Monuments Association.

Research and Observations

Montezuma Castle received a request from a man who wishes to investigate the bottom of Montezuma Well with diving equipment. The matter was referred to the Museum of Northern Arizona for possible scientific sponsorship of the proposed project.

Correspondence was initiated with the Army to obtain further information on military men whose names are carved on El Morro.

King found no time to accomplish work on the Walakihu report, but several illustrations were received, and an analysis was made on cotton fabrics.

Cooperative Activities

The catalog, "American Men of Science" was furnished with a list of Southwestern Monuments personnel for inclusion in the forthcoming new edition.

Professor Fred Worman and Graduate Student Jack Turney of Adams State College of Alamosa, Colorado, visited the home of Naturalist King on Saturday, January 31, discussing with him and Regional Archeologist Erik K. Reed the question of permits for proposed archeological field school work at Bandelier this forthcoming summer.

Region Three Office Loan Library

Accessions for the month totalled 261, including 11 books, 37 pamphlets and reprints, and 213 periodicals. The large number of periodicals received is due to a figt by a friend of the National Park Service who donated a complete run of "Indians At Work" and, in addition, volumes of The Scientific Monthly and The Journal of Forestry which were donated from another source.

The more important books received were:

Curtin, L. S. M. - Healing Herbs of the Upper Rio Grande
Laboratory of Anthropology, Santa Fe, New Mexico, 1947.

Franciscan Fathers, St. Michaels, Arizona - An Ethnologic Dictionary of the Navaho Language.
Max Breslauer, Leipsig, 1910.

Interdepartmental Advisory Committee on Scientific Personnel for the President's Scientific Research Board - The Scientists as a Government Employee. Mimeographed. September 1947.

Lang, Walter B. (Editor) - The First Overland Mail: Butterfield Trail. 2 volumes. Washington, D. C. 1940 and 1943.

Lips, Julius E. - The Origin of Things A. A. Wyn, Inc., New York, 1947 (An outline of Anthropology).

Southwestern Monuments Association

Treasurer Allan Vedder left on January 20 for a 3-week trip to southeastern states, and in his absence Executive Secretary King kept routine affairs current.

Twenty-four card dispenser boxes were received from the cabinet maker, and approximately half had been sent to the field by the end of the month. The display case for Association sales publications at Tumacacori was almost completed at the end of the month, and will be shipped to the monument when wiring is installed. Authorization was given to another cabinet maker to complete a second case of the kind which will be sent to White Sands, where display facilities are meager.

Correspondence ensued concerned a proposed sales publication for Carlsbad Caverns National Park. If this project can be completed, sales of the publication by the concessioner there will, it is believed, furnished considerable funds for a proposed Naturalist History Association at that park.

Correspondence with respective custodians indicated that miniature photographic sets should be prepared for Chaco Canyon and Gran Quivira National Monuments. Work on these will have to be postponed indefinitely.

Instruction was given to the Custodian of Tumacacori to prepare a popular manuscript on his personal time for publication to replace the 25-cent booklet which is now on sale there. Supplies of this obsolete booklet are almost exhausted, and it is hoped a new booklet can be published before the next winter heavy travel season.

Photography and Visual Aides

With the employment of Marvin M. Frost, Sr., as seasonal ranger at Saguaro National Monument, Custodian Egermeyer suggested that the monument be furnished with an adequate supply of film so that Mr. Frost's exceptional photographic ability may be utilized to build our files of desert pictures. Some film was ordered through government channels, and additional supplies will be obtained by the Southwestern Monuments Association, if needed.

Wildlife Management

The Custodian at Walnut Canyon was instructed to prepare PCP sheets for two projects to provide permanent water near the rim of Walnut Canyon

[illegible]

[illegible]

[illegible]

to keep the local herd of deer from concentrating along the public highway, where hunting pressure is terrific.

A list of Southwestern National Monument personnel in New Mexico was furnished to the State Game Warden who will issue non-salaried honorary game warden cards.

Ruins Stabilization

Steen visited Casa Grande and Gran Quivira National Monuments to make additional plans for ruins stabilization jobs. A new International dump truck was received for the mobile unit at Chaco Canyon, and a small cement mixer was purchased to be used on various minor jobs throughout the monuments.

Additional correspondence was carried on concerning the problem of attempting to preserve the fresco paintings at Tumacacori. An expert in the east has asked that the custodian prepare an illustrated report of the extent and nature of work required.

Additional consideration was given to the kiva roof at Aztec Ruins National Monument. Timbers of this crib-work structure have rotted and these need replacing unless a decision is made to eliminate this restoration, which, although good interpretively, does conflict with accepted service policy against restorations in place.

Aid to Administrators

Due to illness of a secretary, Naturalist King prepared the condensed report for the Assistant Regional Director.

Projects for February

King hopes to remain in the office for the greater part of the month to handle routine affairs, prepare the first wall brochure for the Southwestern Monuments Association and work on stabilization and archeological reports.

Steen will go to Casa Grande about February 10 to spend about a month on stabilization of Compound A.

Dale S. King,
Naturalist.

Approved for Distribution /S/ John M. Davis, February 6, 1948.
Assistant Regional Director.

cc: Mr. Dodge.
Monument Circulation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Arches NATIONAL MONUMENT
Moab, Utah

January 27, 19 48

MEMORANDUM FOR the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of January, 1948:

GENERAL: Travel for the month was very slow, due in part to the extremely cold weather and snow. This has been the longest period of continuous below freezing temperatures experienced in Moab for many years.

The custodian was on annual leave for four days during the latter part of December.

WEATHER: Below freezing temperatures were experienced throughout the month, with snow on two occasions. For the last four days a cold north wind has been blowing. The old-timers predicted a thaw about January 25th but it has not arrived to date.

TRAVEL: A total of 32 cars and 87 people visited the area during the month. This about doubles last months travel and is approximately four times that for the same month last year. We had representation from Arkansas, California, Colorado, Idaho, Montana, New York, Utah and Wyoming.

INTERPRETIVE SERVICES: No guided trips were taken during the month. Twelve people were contacted at headquarters and 85 people visited the Windows section unattended.

COOPERATING GOVERNMENTAL AGENCIES: A warning sign, regarding excavation of fossils under the Antiquities Act, has been received from the Bureau of Land Management with a request that it be placed at the site of the Dalton Wells dinosaur deposit. This will be accomplished as soon as the frost leaves the ground so that the necessary excavation can be made.

Road construction by Grand County has progressed very well despite the cold weather and the small construction crew, consisting of a bulldozer operator and a compressor man and driller. The crew returned to work on January 5th, after the holidays. On January 24th I drove the pickup into the Devil's Garden section, the first time a car has been in this area. The road has been completely roughed out to the site of the contemplated parking area. Two more culverts remain to be installed and

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Arches NATIONAL MONUMENT
Moab, Utah

January 27, 19

Superintendent
Fort Bridger National Monument
Fort Bridger, Wyoming

Dear Superintendent:

The following is a monthly report for Arches and Natural Bridges National Monuments for the month of January, 19:

Weather: Travel for the month was very slow, due in part to the extremely cold weather and snow. This has been the coldest period of consecutive below freezing temperatures experienced in Moab for many years.

The maximum was so almost zero for four days during the latter part of January.

Visitors: Below freezing temperatures were experienced throughout the month, with snow on the mountains. For the last four days a cold wind blew from Wyoming. The six-hours prediction a time almost "nearly cold but it has not arrived to date.

Travel: A total of 23 cars and 87 people visited this area during the month. This shows decline from monthly travel and is approximately four times that for the same month last year. We had representatives from Colorado, California, Idaho, Montana, New York, Utah and Wyoming.

Interpretive Services: The public things were taken during the month. Twelve people were escorted on lectures and of nearly visited the visitors museum.

Maintenance Commercial Activity: A morning stop, previously mentioned in the Fremont Water the Antiquities Ind. has been received from the Bureau of Land Management with a request that it be placed on the site site of the Cabin for Ja Museum Exhibit. This will be accomplished as soon as the Fort James the ground so that the necessary excavation can be made.

Road construction by Grand County has progressed very well despite the cold weather and the small construction crew. Installation of a bulldozer operator and a wagoneer has cut drilling. The work removal is well on schedule, after the building. In January 2001 I turn the plaque into the Moab's Bureau meeting, the first time a car has been in this area. The road has been completely repaired and is the site of the management parking area. Two more workers remain to be installed and

considerable drilling and shooting must be done for drainage ditches. Foreman Beeson estimated that this spur would be ready for finishing on January 31st but the cold weather of the last three days will probably prolong this estimate. To date 8.8 miles of road have been constructed. The total length of the Devil's Garden spur is 8.2 miles. Work will be started on the Fiery Furnace and Delicate Arch spurs during the coming month.

PRIVATE LANDS: Secretarial approval has been received for the purchase of the Turnbow property, near Delicate Arch, and final details on the contract will be taken care of during the next two weeks.

ROADS: The approach road into the Windows section has been rough but passable during the entire month. Freezing weather has prevented maintenance by the State but it is hoped that we will get a thaw during the early part of next month so that this road can be placed in better shape.

MAINTENANCE: The 3 kw power unit ceased functioning on December 27th. It was taken to Moab for repairs where it was found that a valve spring had broken. Repairs were completed on January 8th and it was returned to the monument and installed.

NATURAL BRIDGES NATIONAL MONUMENT: No activity at this area during the month due to snow on the approach road.

A radio broadcast over KSL at Salt Lake City on January 26th stated that the Carbon County Chamber of Commerce at Price, Utah had taken exception to the expenditure of money for the construction of a bridge over the Colorado River at Hite, Utah. They stated that the funds necessary for this construction could be better used to replace the present inadequate bridge spanning the river at Moab on US 160. Public sentiment seems to be against the Hite project in this vicinity.

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip.)

Page 2, Prince Rupert Dist., Jan., 1940

considerable drilling and blasting must be done for footings alongside Tsimpsean Peninsula substantial than this year would be ready for finishing on January 31st but the well weather of the last three days will probably prolong this substantially. To date 2.4 miles of road have been constructed. The total length of the Sewell's Inlet spur is 6.2 miles. Work will be started on the Ferry Farmers and Salmonia Arm spurs during the coming month.

PRIVATE LANDS: Preliminary approval has been received for the purchase of the Thomson property, near Sewell's Inlet, and final details on the contract will be taken care of during the next few weeks.

PARKS: The approach road into the Tiedemann results has been rough but passable during the entire month. Improving weather has permitted repairs to the Stuts lake it is hoped that we will get a beat during the early part of next month to take this road as is planed in better shape.

MISCELLANEOUS: The 2 Ton Jeep unit became disabled on December 17th. It was taken in shop for repairs where it was found that a major repair had to be made. Repairs were completed on January 6th and it was returned to the authorities and installed.

BUILDING REQUIRED NATIONAL EMERGENCY: No activity at this area during the month due to snow on the approach road.

A radio broadcast over CKC of Port Albi City on January 11th stated that the Dominion Energy Commission of Canada, Ltd. has taken exception to the expenditure of money for the construction of a bridge over the Cameron River at Port. They stated that this branch necessary for this construction would be better used to replace the present inadequate bridge spanning the river at Port on the 16th. Public sentiment seems to be against the Port project in this vicinity.

Donald L. Dixon
Superintendent

(In duplicate)

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

January
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	23	12	1/4 hr.
(Give Name or Type) Total	23	12	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Windows Section	31	85	1 hr.
(Give Name or Type) Total	31	85	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	8	(Mail)	
ther			

97
Total Receiving Interp. Serv.
87
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME **Russell L. Mahan**

TITLE **Custodian**

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Extremely cold weather had adverse effect on travel.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

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Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

January
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		-	
Temporary	No personnel on duty		

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Russell L. Mahan

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach road closed for winter due to snow.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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120505

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 January 1948.

MEMORANDUM for the Regional Director.

There follows the report of activities in Aztec Ruins for January 1948.

WEATHER. Generally excellent with cold clear days and no snow or rain. Travel has done fairly well, but has not come up to expectations even with the fine traveling conditions that have prevailed.

MAINTENANCE. Considerable time and effort have been expended in removing and repairing the domestic water pump and motor, uncovering the water storage tank and exploring for leaks and in repairing worn out plumbing and sink equipment at the residence.

The manholes recently added to the ruins drainage ditch are now complete with new concrete pipe placed into position and manhole covers completing the project.

PERSONNEL. The Custodian began annual leave the 19th January and was relieved by Park Ranger Tom Onstott from Bandelier. We are grateful to the Custodian of Bandelier and others of the Regional Office who made it possible to send Ranger Onstott to Aztec as relief man.

SPECIAL ACTIVITIES. The Custodian presented the colored 16mm Carlsbad Caverns film to the Aztec Parent Teacher's Association. Altho it is a sound film the picture is being presented as a silent and is to our way of thinking a very fine picture depicting the beauties of the "Caverns". We have plans for using the film for the next 2½ months in and around Aztec. The film was shown a second time on the evening of the 20th, to the MIA of the local Mormon Church by Ranger Onstott.

TRAVEL. The 385 visitors to the monument this month made an 80% increase over the same month last year. Twenty-five states were represented in this month's count, but there were no foriegn visitors.

Interpretive Services. 286 people in 67 parties went through the ruins, over twice as many as for the same month last year. 385 people in 90 parties visited the museum.

Irving D. Townsend,
Custodian.

in triplicate

AZTEC

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary		1	

January
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	67	286	1/2 hr.
Other Museum	90	385	1/4 hr.
Total	157	671	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	2	99	1/4hr.
Displays and Exhibits			
Replies to Inquiries	2		
Other			

671
Total Receiving Interp. Serv.

385
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	41
Popular Studies	
Source Books	

NAME Thomas B. Onstott
TITLE ~~Actg. Custodian.~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

January 28, 1948

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of January, 1948

Weather

In keeping with the cold waves that have been striking other parts of the country the mercury registered 18 degrees below zero the night of January 27 and was the coldest temperature recorded since weather records have been kept at the monument. This followed by one day the third 7 inches or more snow of the winter. A total of 18.5 inches of snow was received during the month.

Special Activities

The Custodian attended a meeting in the Regional Director's office on January 6 with members of the regional office staff and Mr. DiLusio of the Atomic Energy Commission, Los Alamos, N. Mex. to discuss the right of way for a road through the Otowi section of the monument to serve Los Alamos, connections for power and telephone lines for the monument from Los Alamos lines, and proposed boundary changes to give a common boundary with Atomic Energy Commission lands.

Ranger Onstott attended a meeting of the American Anthropological Society in Albuquerque December 28-30 and the Custodian with Foreman Orem attended the regional archeological meeting in the regional office on December 30.

Roads and Trails

Work was begun the middle of the month on clearing a section of trail just below the lower falls in Frijoles canyon that was blocked by a rock slide several years ago. The removal of the rock was completed but surfacing with dirt and gravel was delayed by the heavy snow at the end of the month. Some work was also accomplished on clearing the trail above the falls of small rocks that have fallen in to it during the winter.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

We were very pleased to receive word that a patrol grader has been awarded to this area from surplus property and that it will be received prior to the heavy travel season. This piece of equipment has been needed since the State stopped maintenance on highway #4 and will enable us to keep the approach road in much better shape.

Slowly melting snow kept the ruins trails in a soft, sloppy, condition during most of the month and made walking somewhat disagreeable for the visitors. Drainage and crowning of the trails will help to improve this condition.

Approaches to Monument Area

It was with a great deal of pleasure that it was learned that the State Highway department has finally received the steel for the Otowi bridge on the Pojaque cutoff and that prospects are good for its early completion by early summer. This will eliminate the last detour on State highway #4.

Interpretation

A total of 48 parties were guided through the ruins during the month and 27 parties were conducted through the museum. In addition there were quite a number of visitors that went through the museum but did not take a ruins trip. The museum was so cold, however, that the visitors did not spend much time there. It would be a distinct advantage to the visitors and to the interpretative program if some heat could be furnished in the museum.

Museum Activities and Exhibits

Mrs. Pablita Velarde Hardin, noted Indian artist from Santa Clara pueblo, began work on exhibits for three of the museum cases on January 19. She will prepare paintings for exhibits on indian government, seasonal ceremonies, and the use of animals. We are indeed fortunate to secure her services at this time and completion of these cases will finish an entire room of exhibits on which she started work in 1939. Naturalist King spent one week in the area outlining the material and information that is to go into the exhibits.

Travel

In spite of inclement weather at the beginning and end of the month travel to the monument showed a marked increase over the same period last year. 378 persons visited the monument which is a 52% increase over January 1947 and gives us a 44% increase with 3510 persons for the travel year.

Ranger Service

Ranger Onstott was detailed to Aztec National Monument on January 18 to act as Custodian during the absence of Custodian Townsend and will return about the middle of February. This puts a strain on the schedule of conducted trips but by the cooperation of other personnel we are able to maintain the high standard for which Bandelier is known.

Building Fire Protection

The quarterly inspection of building fire hazards was conducted by ranger Keefe and a leak was discovered in a connection of the propane gas system in residence #1. This was corrected by the maintenance man as soon as it was reported.

Stabilization

The ruins stabilization crew continued work to the middle of the month when it was necessary to discontinue activities until the weather permits the use of cement. "After" pictures were taken of 12 rooms and "before" pictures were taken of 75 rooms in Tyuonyi ruin. The walls of 75 rooms of tiers 30 through 51 were cleaned in preparation for packing with soil cement which makes a total of 155 rooms that are ready as soon as weather permits.

"Before" pictures were taken of rooms 1 through 211 in the Long House ruin and dry masonry was set on some of the walls and where foundations were showing to a depth of three courses of stone.

Personnel

It was with much regret that we said good by to clerk Glen Bean who transferred as ranger to Organ Pipe Cactus National Monument on January 24. Glen served in this area for a little over a year and his work was outstanding so that he well deserved the promotion to a higher position. The best wishes of the Bandelier staff go with him to his new assignment.

(SGD) FRED W. BINNEWIES

Fred W. Binnewies
Custodian

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Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

January
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	48	240	65 min.
Other			
Total	48	240	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	28	108	21 min.
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	28	108	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum Lobby	30	284	10 min.
(Give Name or Type) Total	30	284	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails to Tsankawi, Ceremonial Cave, Stone Lions, and Fire Lookout	30	38	
(Give Name or Type) Total	30	38	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

670
Total Receiving Interp. Serv.

378
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

Fred W. Binnewies
NAME Fred W. Binnewies

TITLE Custodian

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120905

CANYON DE CHELLY NATIONAL MONUMENT
CHINLE, ARIZONA

January 26, 1947

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during the month of January, 1948.

Weather

The weatherman was good to us this month and we have had a very mild January with a Maximum temperature of 62 degrees and a minimum of 8 degrees. However as this report is being written we are having the biggest storm and coldest daytime weather in my five years as custodian.

Administration

The Custodian returned to duty from annual leave on January 5. A laborer was hired to take care of the physical improvements and on my return I found everything in good order. Much time was spent in taking care of the office work and correspondence that piled up during my absence. One trip was made to Gallup, New Mexico for supplies.

Maintenance

More material was dumped on the approach road and it was bladed by the Indian Service. The Pump engine was worked over and is still pumping although each time it goes on the blink I wonder if it hasn't given up the ghost. The Gas tank on USI 13719 was removed and various and sundry leaks repaired with solder. Patrols to Antelope and White house were made.

Publicity

The latest advertisement for the Allis-Chalmers Company features a picture of the White House ruin. I ran across this in the last issue of News-week.

Travel

Travel was heavier than any previous January with 48 visitors. A total of 7½ hours was spent in guide work and two and a half hours in orientation talks at Headquarters.

Visitors

Mr Preston Walker, Editor of the Grand Junction Daily Sentinel and an old School day friend of the custodian visited the area with his wife and stayed overnight.

General

Mr. L.H.(Coxy) McSparron underwent an other operation for his stomach trouble early in the month and has just returned home . He is still pretty weak but thinks that he will be helped greatly.

Government Publications

2-fold leaflets.....	1740
Glimpses of N.P.....	20
Map Folders.....	120
Mimeographed leaflets, CDC.....	400
Map Folder No.6.....	300

Meredith M. Guillet
Custodian

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

January
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One (Custodian)	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	3	10	2½hr
Other			
Total	3	10	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	7	20	21 Min.
Other (Not connected with conducted trip)			
Total	7	20	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	8		
Other			

30
Total Receiving Interp. Serv.

48
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Guillet

TITLE Custodian

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

mmmmmmmmmmmmmmm

Capulin New Mexico,
January 26, 1948

Memorandum for the Regional Director
Region Three, National Park Service,
Santa Fe New Mexico,

There follows a report of the activities in and around Capulin Mountain National Monument for the month of January. 1948,

Only about seventy five visitors thru the month bringing total visitors to date for the travel year to fifty one hundred seventy five, and the total visitors for the fiscal year to date to twenty four thousand six hundred seventy five,

Weather was fairly nice for the first ten days but since then it has been rather rugged, about twenty inches of snow has fallen and there is now on the ground about ten inches, so far this month we have had five snows from two to six inches each totalling about twenty inches,
Cattle men are uneasy and hay is selling for thirty five to forty dollars per ton, this is just about a record all time high, some texas cattle brought in for the winter are not doing so well while the local cattle here in much better condition,

The Custodian has removed the snow from the road on the Monument so many times this winter that he has just about lost heart, It is now too deep to even attempt to remove with the equipment that I now have and think I will beg to the State to give me one round with their heavy equipment, This of course will be several days for the State is real buisy right now with troubles of their own removing snow from the principal Highways in this District,

We are planning on getting the gravel spread on the half mile from this Monument to Federal Highway 64, this will give us an all year round road to the Monument, We hope to get this done in the coming month,

Seventeen deer was sighted in the crater a few days ago by some visitors, They appeard to be quite gentle,

Very Respectfully,
Homer J, Farr,
Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

January
Month

1948
Year

CONDUCTED TRIPS None.	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS None.	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
None.			
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Wayside markers pointing out five of the principal points of interest.			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts None.			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

twenty five
Total Receiving Interp. Serv.

Seventy five
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Homer J. Farr.

TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Casa Grande

January 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for January, 1948.

General: The winter visitor season is now in full swing with both Tucson and Phoenix outdoing themselves to keep the visitors entertained. Rodeos, horse and greyhound races, are recording record attendances, and payoffs on the betting have been the largest paid out in this section. Water is still a major problem and there is now a move on foot to set up regulations to control it's use. There is a race on between the legislators and the land speculators. The speculators are trying to sink as many wells as possible before the regulations go into use. Coolidge Dam reports the smallest amount of water in reserve at this date since water use was started. Farmers are being warned to plant on basis of present supplies of water and not count on replenishment of the supply later.

Weather: With the exception of the first day of the report period the days were warm, with plenty of sunshine. Maximum temperatures ranged in the high 60's and 70's, and three days the 8, 9, and 10: maximums reached the low 80's. Nights were cold and with the exception of 6, all minimums recorded were below freezing. The low was 20 above registered on the first. Compared to last year the month as a whole was warmer. No precipitation was recorded during the month.

Visitors: January 1948; 5539: January 1947; 4556: Travel year to date 1948; 14,620: Travel year to date 1947; 12,372. The biggest visitor total registered at this monument since the charge was put into effect was put through the turnstiles this month. The biggest month prior to this was Feb. 1947 with 5517. If we get the same per centage of increase that we have been geeting we should have well over 6000 in February. Revenue from ticket sales ammounted to $929.10 with 3097 tickets sold. SWM Association sales for the month was $255.10.

Interpretive Services: Of the 5539 visitors to the area, 3706 made the Ruins trip, in 214 trips averaging 51.4 minutes. 3394 made the museum trip in 179 trips averaging 27.4 minutes. Question of the month: "Does a person die when an Indian scalps you?"

Maintenance: Doors and windows in quarters # 2-4 were partly rebuilt and all outside woodwork repainted. The bathroom was given one coat of enamel and the other rooms are being kemtoned. The water pipe on the main line sprung a leak and on digging it out we found that chlorine had eaten through the T joint making it neccessary to replace it. This could mean that we will be having trouble with the rest of the line soon and may require replacement of pipe and valves throughout the system.

Administration & Protection: Architect Saunders was in and checked over the roofing job on the utility area buildings, which was done by the Tucson Roofing Co. The roof has been leaking some and it was decided that part of it was due to faulty workmanship and some of it due to not going far enough with the specifications on the repair work. Two trips were made to the Adamsville Site checking for vandalism. We believe that if this is to be our responsibility, that it should be fenced and posted soon because the present system of protection is not satisfactory.

Trips Taken: Maintenanceman Barnett made one trip to Phoenix to secure materials and parts for repair work on the water line and other systems.

NPS Visitors & Visitors of Note: On Jan. 5, Custodian Egermayer and Maintenanceman Barney of Saguaro were in to pick up some equipment. Jan. 16 Architect Saunders and his wife were in. Jan. 21, Custodian Supernaugh brought in some equipment to be repaired.

Mechanics Activities: Leave was taken by mechanic Stonehocker through Jan 2, of the report period.The following equipment was worked on and general repairs made to the following.

Area From	Equipment
Big Bend	International Tractor
Saguaro	Road Drag
	Trailer Hitch
	Chevrolet Pickup
Organ Pipe	Ford Pickup

A. T. Bicknell,
Custodian.

[illegible]

[illegible]

[illegible]

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CASA GRANDE NATIONAL MONUMENT
Name of Area

January
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	214	3706	51.4 Minutes
Other (Museum)	179	3394	27.4 "
Total	393	7100	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum & Etc.		1833	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

7100
Total Receiving Interp. Serv.
5539
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	194
Popular Studies	
Source Books	

NAME A. T. Bicknell,
TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Archeologist P-1 Position left vacant during entire Month.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

January 25, 19 48

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of January 1948.

This month, there were eleven visitors to Chaco Canyon. They came in four automobiles from the states of:- New Mexico - 2 cars, 6 visitors; Nebraska - 1 car, 3 visitors and Washington - 1 car, 2 visitors. All eleven persons took the ruins trip and listened to the museum talk. The visitors formed four parties. The custodian spent five hours and fifty-five minutes with them.

The coldest this month was —10 degrees on January 1, and the warmest was 65 degrees Fahrenheit on the eighth of January. This month, we have had two nights of sub-zero weather and .52 of an inch of moisture as compared with a year ago when there were 10 nights of sub-zero weather (once 24 below), some rain and 13 inches snow.

The Farmington Chamber of Commerce, the Gallup Chamber of Commerce and other interested parties were contacted by various Chaquanos in regard to the roads. As a result, a grader, a dump truck and a crew of men spent four days on the north approach road. It is now in excellent shape. We have promises on the south road.

The Chaco roads were graded by Chaco personnel.

The Custodian attended the meeting of archaeologists at Regional Headquarters, which was held December 30 and 31. From there he took annual leave, and was gone eight days.

Forester Harold Ratcliff was here January 19 through January 22 to determine the possibilities of livestock crossing permits.

The Custodian spent two days with the operator of the Trading Post in getting the annual financial report straightened out.

The pickup was taken in to Gallup for more adjustments, for it is still within the three month guarantee.

The Trader reports that he is getting more rugs than last month, that trade is holding up well for this time of year, and that he has instituted a bonus system in payment for the Navajo rugs. In each given period, the producer of the rug judged the best will be given a prize or bonus. He has disposed of the jewelry left over from last year, and will get in a new stock for the 1948 year.

At the end of the month, there were on hand:-

Free two-fold leaflets describing Chaco Canyon National Monument, approximately..7940
National Park Location Map, Number 6..... 319

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

January 26 1948

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

Continued cold weather and Navajo Relief have put a stop to laying repair masonry at Chettro Kettle. When the weather slowed this work down we sharply curtailed the size of the crew. Those laid off applied for the Red Cross - Navajo Service Relief. With the forms "Requests for Assistance" circulating, the rest of the men but two promptly quit and applied for aid. The two men still working have also applied for assistance but as it hasn't arrived yet they are still on the job.

Five days, one work week, have been lost to the weather.

One trip was made to Santa Fe to attend meetings of the American Anthropological Association and the Regional Conference.

Papers for Raymond Rixey's appointment to the SP-6 position, Archeological Aide, came through and he entered on duty Dec. 29th. He has been absent on leave without pay since the 16th of this month, called to Raton, New Mexico by serious illness in the family.

The first part of the month was spent continuing the foundation repairs in the east section of Chettro Kettle and replacing one large patch laid about 1932 which has just recently broken out. Since relief we have completed one large set of external braces for a leaning wall, hauled concrete sand from the San Juan, caught up on the reports and forced ourselves into getting out some 20 pages so far, of data for a stabilization manual.

The external braces were set on the south wall of room 57. This wall is 22' long, 11' high and leans slightly more than a foot or over half of the width of the wall. Concealed plate and beam anchors were set in the wall of kiva J and in the juncture of I and J. A continuous plate was run along 57 and tied through the wall to the anchors by means of three turnbuckles. The plate will not be visible to visitors, the anchors are covered and it only remains to conceal the turnbuckles.

For the next month we plan to continue work on the manual, complete some experiments begun last summer on casting lintels, run tests on some waterproofing material and when the weather improves either straighten or apply braces to room 70 E.

Gordon Vivian
Gordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Nageezi, New Mexico

January 26, 19 [illegible]

[illegible] for the Superintendent,
Chaco Canyon National Monument.

Continued cold weather and Navajo Relief have put a stop to Navajo regular masonry at Chetro Ketile. When the weather slowed this work down we shortly curtailed the size of the crew. These laid off applied for the Red Cross - Navajo Service Relief. With the forms "Request for Assistance" circulating, the rest of the men but two promptly quit and applied for aid. The two men still working have also applied for assistance but as it hasn't arrived yet they are still on the job.

Five days, one work week, have been lost to the weather.

One trip was made to Santa Fe to attend meetings of the American Anthropological Association and the Regional Conference.

Pierce for Raymond Sikey's appointment to the GS-4 position, Archeological Aide, came through and he entered on duty Dec. 27th. He has been absent on leave without pay since the 16th of this month, called in train, for Navajo by serious illness in the family.

The first part of the month was spent continuing the foundation repairs in the east section of Chetro Ketile and replacing one large patch laid about 1932 which has just recently broken out. Since relief so have completed one large and 2 external braces for a leaning wall, backed concrete and from the fan down, caught up on the reports and forced carpeles into getting out some 20 pages so far, of data for a rehabilitation manual.

The external braces were set on the north wall of room 32. This wall is 22' long, 11' high and lacks slightly more than 2 feet of ever half of the width of the wall. Wooden plate and beam anchors were set in the wall of 1932 4 and in the junction of 1 and 4. A continuous plate was run along 32 and tied through the wall by the anchors by means of three bracelets. The plate will not be visible [illegible], the anchors are covered and it only remains to conceal the bracelets.

For the past month we plan to continue work as the manual, complete some experiments begun last winter on casting lintels, run tests on some waterproofing material and when the weather improves either strengthen or apply braces to room 70 E.

Lawrence Vivian
Lawrence Vivian
Superintendent

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) Custodian	
Temporary			

January
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	4	11	73 mins
Other			
Total	4	11	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	4	11	16 mins
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	4	11	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4	written requests	
Other			

22
Total Receiving Interp. Serv.

11
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Irving McNeil, Jr.

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Monument too far from main highway, and approach roads not paved. Both factors tend to decrease winter travel.~~

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona,

January 25, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows a report of activities at Chiricahua National Monument for January.

General. Ranger Ray Ringenbach arrived January 13, having transferred from Organ Pipe Cactus to fill the permanent ranger position at Chiricahua. Maintenance Man Marble took one days annual leave and ten days sick leave for a minor operation. Custodian Cooke took one days leave for dental treatment. After weathering quite a little sickness for the past three months it now looks af though the maintenance man and custodian can be classed,once more, as able bodied workers. With the permanent ranger position filled again, we now hope to get some work done.

Weather. Two snows fell during the period. One of 10 inches just before New Years Day closed the road for two days. A lighter one fell January 18 but did not seriously effect the road. Total precipitation for the month was 1.36 inches.

Weather records were compiled for 1947 and some interesting facts revealed. The total precipitation for the year was 15.93 inches; the lowest of the eight years on record at Chiricahua. Of this moisture over half, 8.08 inches, fell in August. The first six months of the year had only 2.78 inches of moisture.

Inspections. Architect Saunders and Mrs. Saunders spent part of January 14 at the monument. Some minor questions in regard to the enlargement of the headquarters parking area were ironed out very satisfactorily.

Complaints. One verbal complaint was received by a New York man who got stuck in the snow on New Years Day and blamed the Park Service for not having an notice up that the road was impassable. After considering the fact that the gentleman thought that he was on the through road to Rodeo and that he had quite a little scotch under his belt, the Custodian eased out of the picture and left him to find his way back to New York.

Approaches to Monument Area. The road over the mountains to Rodeo has been closed since the first of the year, and will likely stay closed until towards Spring. All other approach roads remain in fair condition.

Monthly Narrative Report - Chiricahua - January, 1938

Interpretive Service. 646 visitors were contacted in the museum in 163 parties.

Increase in Travel. 781 visitors were recorded at Chiricahua for the month. This compares with 532 for December and 589 for January of last year. Our lead is now 8% over last travel year.

Insect and Tree Diseases. A study of the flat head borer infestation in the Douglas Fir stands has been started by the Custodian and can probably be completed during the next month.

Clair V. Cooke

Clair V. Cooke,
Custodian.

Interpretive Service. 646 visitors were conducted in the museum in 1[illegible] parties.

Patrons in Travel. 781 visitors were received at Dionysus for the month. This co-pares with 1[illegible] for December and 3[illegible]9 for January of last year. Our load is now 8[illegible] over last travel year.

Insect and Tree Diseases. A study of the fir and boxer infestation in the Douglas fir stands has been started by the Dionysus and are probably be completed during the next month.

Clair V. Crane.
Operation.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS

Chiricahua National Monument

MBER OF PERSONS ENGAGED:	Interpretive	Administrative	Other
rmanent		1	1
mporary			1

January
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her			

TALKS	NO.
mpfire	
tel or Lodge	
seum (Not connected with conducted trip)	
ientation (Not connected with conducted trip)	
her (Not connected with conducted trip)	

ATTENDED INTERPRETIVE STATIONS	DAYS		
adquarters Museum	31	646	1/4 hour
(Give name or type) Total	31	646	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
ssai Point Orientation Station(estimated)	31	390	1/4 hour
(Give name or type) Total	31	390	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

GOVERNMENT PUBLICATIONS SOLD	(Number)
page Booklets	
pular Studies	
ire books	

1036
Totl Receiving Interp. Serv.

781
Totl Number Visitors to Area

NAME Clair V. Cooke
Clair V. Cooke
TITLE Custodian.

MARKS:(Please note below any factors influencing interpretive service, such as: seum closed for repairs", "closed for season", "naturalist on sick leave , etc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

January 25, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows the report of activities in El Morro National Monument for the month of January, 1948.

WEATHER: For January we have had unusually warm and pleasant weather inspite of a record low for the year of 14 degrees below zero. The maximum temperature stayed above 50 degrees for 17 days and for nine days was above 40 degrees. There were only 5 days when the maximum dropped below 40 degrees. Only five inches of snow fell during three light storms giving us a total precipitation of .30 inches.

APPROACH ROADS: Due to very light snow and unexpected maintenance our roads have been in better shape than any time during the year. However the visitor does not realize this because he hasnt any idea how bad they can be, and the usual complaint about the road is still the first words uttered by every party. The excuse from the State Highway Department for the delay of the survey of Highway #53 is that they are unable to get the necessary Federal Aid. A check with the PRA is being made by the Regional Office to confirm this statement before the local people in area start to blow their tops.

TRAVEL: Travel to the monument came with the pleasant weather. A total of 62 people from 10 different states arrived at the area in 21 cars. Checking the travel reports from 1937 I find that this month's report sets a record for the month of January. Fifty-six people made the tour of the Inscription in 18 trips and the total guide time amounted to 19 hours and 35 minutes. Six people arrived for information only.

RADIO CONTACT: On Jahuary 20th. and 21st. very satisfactory contacts with Regional Office KNKO and Bandelier National Monument KNKP were made. On January 25th. KNKP attempted to contact Chaco Canyon National Monument KNKA. Both stations were able to hear each other, but not plainly enough for satisfactory conversation. Another attempt for this contact will be made on January 26th. Communication with the Regional Office for El Morro and Chaco would mean a great deal for our mail service at times reverts back to the Pony Express days.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

_____, Iowa, Box _____

_____, _____

_____

Memorandum for the Regional Director, Omaha, Nebr.

Here follows the report of activities in El Rancho National Monument for the month of January, 1940.

Weather: For January we have had unusually warm and pleasant weather for this part of a month but the last of the January blizzard weather. The minimum temperature stayed above 20 degrees for 21 days and for nine days was above 40 degrees. There were only 2 days when the maximum temperature was below 32 degrees. Only five inches of snow fell during these light storms giving us a total precipitation of .32 inches.

Attendance: Due to very light sales and unexpected maintenance we really have been in better shape this way view during the year. However the visitor-time has decreased this month because we haven't had any sun, and the usual complaint about the road is still the first words uttered by every party. The answer from the State Highway Department for the letter of the survey of Highway 200 is that they are unable to get the necessary funds job. I check with the rep. in being made by the Regional Office to contact city officials before the local people in some effort to close their help.

Guests: Travel to the monument came with the greatest rapidness. A total of 61 people from 12 different states arrived at the area in 21 days. Counting the travel reports from 1937 I find this year's monthly report a new + heavy for the month of January. Fifty-six people made the tour of the inscriptions in 24 trips and the total guide time amounted to 13 hours and 15 minutes. All people arrived for information only.

Site Condition: In January 1939, and 1940. very satisfactory condition with the CCC and Superintendent Summers also were made. In January 1939, CCC attempted to contact Chief Ranger National Monument Site. Both stations were visit for long work order, but not visible enough for satisfactory observation. Another attempt for this purpose will be made in January 1940. Communication with the Regional Office for El Rancho and Chaco Canyon - great deal for our visit service at times reports back in the July Expense Page.

GENERAL: With the unusually warm weather it was possible to accomplish unheard-of jobs for this time of the year. A gate valve below the doping tanks was replaced , excavating to a depth of four feet and finding no frost. Ground was leveled for the generator house. Four tons of coal were transferred from the outside bin to the cellar bin. One load of wood was cut and hauled. General cleanup of thearea and many other small jobs which normally have to be done in the fall or spring were possible. Two trips to Grants and Gallup for supplies were made and one run to the regional office.

Number of copies of free publications on hand as of the end of January, 1948.

2-fold Spanish edition----------3738

2-fold English edition---------- 560

16-page booklet----------7601/

Bates E. Wilson

Bates E. Wilson,
Custodian.

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MONTHLY STATISTICAL REPORT OF INTERPRETI SERVICES
IN NATIONAL PARK AREAS*

El Morro National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		Custodian	
Temporary			

January
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	18	56	1 hour
Other			
Total	18	56	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

56
Total Receiving Interp. Serv.

62
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Bates E. Wilson

TITLE Bates E. Wilson
Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

JANUARY 26

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira National Monument for the Month of January, 1948.

General. After a snow-bound beginning January turned out to be an unusually warm and pleasant month. Travel was good for January, but confined mostly to local people.

Weather Conditions. A snowstorm of 10½ inches on December 30 brought 0.87 inches of moisture. Roads to Mountainair drifted in and were not reopened until January 5. A high of 62° was recorded on January 8; a low of 10° on January 2, 17 and 20.

Inspections. Two members of the Regional Office personnel visited Gran Quivira this month, Archeologist Steen on January 10 and Architect Saunders and Mrs. Saunders on January 23. Both men brought news of increased activity for this spring. Local residents are pleased with the prospect of temporary employment.

Maintenance. The 2-wheel trailer was completed early in the month and given a coat of green paint. Its use simplifies the hauling of water, flame, etc. to the area.

A break in the telephone line caused by the December 30th storm was repaired.

A road drag was constructed and the entrance road smoothed up after the storm. The drag is a bit too heavy for the 1937 Ford, but if a heavier truck becomes available later, should enable the Custodian to keep the road in good condition and the growth or weeds down along the shoulders. A new culvert was ordered by the Regional Office to replace the rotten wooden one at the gate which bypasses the cattle guard.

Weeds have now been removed from the ruins. The acquisition of a new weed burner should solve the weed problem in the future. It is a very effective outfit.

During the month the pit toilet was moved to a new location where it can be more readily located by the public.

The old path from the register box up to and over the west wall of the ruin was torn up. Shrubs growing in the ruin will be transplanted to the path and with a little judicious placing of rocks this path should be obliterated next summer. It is the old footpath which was still used by locals to the detriment of the walls they crawled over.

Approaches to Monument Area. Grading, preparatory to oiling, has now been completed on approximately 5 miles of the 8½ planned on Hiway 10 from Mountainair. State road maintenance on the remaining 20 miles didn't amount to much this month.

Interpretive Service. 29 parties totalling 68 people were conducted through the ruins during the month. Average trip time, 50 minutes.

On December 29 a party of 3 from California arrived equipped with a home-made radio detector device to reclaim the Gran Quivira treasure for the Catholic Church (on a percentage basis of course). Unfortunately or otherwise their batteries were dead so that the tons of gold of Gran Quivira remain unmolested. Since they could not return they were kind enough to tell me exactly where to dig. It is a comfort to me to know just where all the gold is buried -- especially with the cost of living rising every day.

Increase or Decrease in Travel. As indicated below travel for January showed an increase over last year. Total cars for the travel year are above last year, but total visitors for the travel year remain behind.

	CARS	VISITORS
January, 1948	31	77
January, 1947	20	72
Increase or Decrease	11	5
Percent	55.00%	6.94%
This travel year	129	370
Last travel year	110	390
Increase or Decrease	19	-20
Percent	17.27%	-5.13%

In Compliance with FC 601 - Gran Quivira 2-fold Leaflets on hand -- 5350.

William L. Bowen,
Custodian.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*
GRAN QUIVIRA NATIONAL MONUMENT

Name of Area

JANUARY
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		ONE	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	29	68	50 min.
Other			
Total	29	68	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

68
Total Receiving Interp. Serv.

77
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
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Popular Studies	
Source Books	

NAME William L. Bowen

TITLE Custodian

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

January 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for January, 1948.

WEATHER. The old year left us with a cold snap--December 28 registered -7; 29, a -5 and 31, a -1. Winter weather made a come-back during January with night temperature readings of zero to 26 above and daytime readings of 6 to 55 above.

Snow fell on December 30, January 18, 22, 23, 24, 25 and 26. Snow began falling the evening of the 22 and continued off and on during the next four days. There is about ten inches of snow around headquarters with drifts over three feet high in places. A wind of about 40 miles per hour is blowing and as this report is being written, the temperature stands (sits would be a better term) at -4.

Its surprising (to us) to note that all snow has been blown off the road as far as our visibility (500 ft) permits. How the approach road is faring during this storm is unknown.

TRAVEL. One hundred seventy-nine visitors in sixty-six cars, visited the Sand Dunes during this report period. Eleven states were represented. Twelve people had lunch in the picnic areas.

INCREASE IN TRAVEL. Travel increased over last month, due to warmer weather over week-ends. Sunday contact (5 days) amounted to seventy-one visitors.

January, 1947 travel figures show 32 cars and 110 visitors.

ROADS. The state graded the approach road on December 29 and it has remained in excellent shape for the month. At present writing it may be covered with snow and also drifted.

New directional signs have been placed at the junction of Highway 17 by the state and this should increase our travel when the tourist season begins.

The monument road is in good condition, but it is doubtful if a car could now drive down to the lower camp-ground due to accumulated snow on that poor section of the road.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

GREAT SAND DUNES NATIONAL MONUMENT

MOSCA, COLORADO.

January 26, 1942

MEMORANDUM for the Regional Director,
Region Three.

Data follows the report of activities in Great Sand Dunes National Monument for January, 1942.

WEATHER. The old year left us with a cold snap--between 20 degrees -7; 27, a -8 and 31, a -1. Later weather made a complete turning January with night temperature readings of zero to 20 above and daytime readings of 8 to 50 above.

Snow fell on December 30, January 12, 13, 24, 25, 26 and 28. Snow began falling the evening of the 22 and continued off and on during the next four days. There is about ten inches of very dry snow. With drifts over three feet deep in places. A wind of about 40 miles per hour is blowing and so this report is being written, the temperature stands (site would be a better term) at -4.

The surprising (to us) to note that all snow has been blown off the road so far as our visibility (500 ft) permits. How the approach road is faring during this storm is unknown.

VISITORS. One hundred seventy-nine visitors in sixty-six cars, visited the dune zone during this report period. Seven states were represented. Twelve people had lunch in the picnic area.

TRAVEL IN STATE. Travel increased over last month, due to warmer weather over week-ends. Sunday results (6 days) amounted to seventy-one visitors.

January, last travel figures show 22 cars and 110 visitors.

ROAD. The state graded the approach road on December 29 and it has remained in excellent shape for the month. At present writing it may be covered with snow and also drifts.

New directional signs have been placed at the junction of highway 17 by the state and this should increase our travel when the tourist season begins.

The monument road is in good condition, but it is doubtful if a car could now drive down to the lower camp-ground due to accumulated snow on that part section of the road.

WILDLIFE. Five coyotes, three skunks and one porcupine were seen at headquarters.

ACTIVITIES. Bids were sent out to firms in Alamosa and Monte Vista for oil furnace and linoleum for kitchen and bathroom in custodians residence; and toilets for public restrooms in the checking station. It is doubtful if the large sized oil furnace can be obtained at this time; also there is again a shortage of toilets and it is understood the town of Alamosa could sell 500 over-night if they could be obtained. It is hoped that at least a bid will come thru on the linoleum.

Bids were also issued to Alamosa and Mosca garages for repair on the automotive equipment at Great Sand Dunes.

The Servel propane refrigerator was finally received; it is an eight cubic foot Deluxe model. It weighed 540 pounds and required four men to load it at Mosca and then unload it and place it in the kitchen. Approval must be obtained from the Director's office in order that a propane system may be installed. The garage at present is a mighty fine ice box, but it is hoped that the propane system can be installed at least by spring, as it will be a wonderful treat for us to use such an elegant refrigerator.

The kitchen sink drain became thoroughly stopped up and two days were required to reopen it. The first attempt was made with the garden hose but with no luck. In the past this system had worked out well. An inspection was made via hose and heavy wire of the vent pipe. By poking and prodding, about a pound of putty was pushed down the pipe and then removed by the spoonfulls thru the pipe under the sink. Evidently when the plumbing was put in, whenever a teaspoonfull of putty would have done the job, a handfull was gobbed around the joints. After opening the vent pipe, darkness set in and stopped work. The next day a rush trip was made to Alamosa to buy a 50 foot auger and cleaner to boil out the stoppage. A trial run was made with the auger and then again; the two cans of cleaner were spooned into the pipe and once more the kitchen sink is functioning.

The repaired Ford dump truck was received from the Heide Garage in Mosca. The Dodge 4x2 is to be taken in as soon as weather permits, to install a new left front spring which was made at the Denver Spring Co. This should make a decided improvement in the smoother riding of the pickup.

Routine duties were performed at headquarters; contact duty on Sundays; shoveling show; hauling fuel oil and gasoline from Alamosa and office work kept current.

A trip was made to Region Three Office on January 15 and 16, my lieu days.

KITCHEN. Five cupboards, three sinks and one porcelain sink were used as headquarters.

ACTIVITIES. Men were sent out to farms in Alamosa and Saguache Counties for oil furnace and linoleum for kitchen and bathroom in contributing residences; and toilets for public resources in the charming shelters. It is doubtful if the large sized oil furnace can be obtained at this time; also there is again a shortage of toilets and it is understood the town of Alamosa could not cooperate if they could be obtained. It is hoped that at least a bid will come from on the linoleum.

Also more plan lumber to Alamosa and Monte Vista for repair in the museum equipment or trust some lumber.

The Sorel project refrigerator was finally received; it is an eight cubic foot Sears model. It weighed 340 pounds and required four men to load it on truck and then unload it and place it in the kitchen. Approval must be obtained from the director's office in order that a propane system may be installed. The garage at present is a mighty fine box, but it is hoped that the propane system can be installed at least by spring, as it will be a wonderful treat for us to have such an elegant refrigerator.

The kitchen sink drain became thoroughly stopped up and two men were required to repair it. The first attempt was made with the proper tools but with no luck. In the past this system did worked not well. An inspection was made via hose and heavy wire of the vent pipe. By pushing and pulling, about a quart of putty was pushed down the pipe and then removed by the roundhouse from the pipe under the sink. Evidently when the plumbing was put in, somewhere a teaspoonfull of putty could have done the job, a handfull was pushed around the joints. After opening the vent pipe, matches got in and stopped work. The next day a rush trip was made to Alamosa to buy a 20 foot auger and cleaner to pull out the stoppage. A trial run was made with the auger and then again; the two case of cleaner were spooled into the pipe and once more the kitchen sink is functioning.

The required first aid kit first was received from the Red Cross in Denver. The Lodge feel it is be there in an emergency or another parties. We instalt a new left front spring with our made at the Denver depot in. This should make a marked improvement in the smoother riding of the plane.

Service tables were performed at headquarters; contact only on Sunday; alternating day; hauling fuel oil and gasoline from Alamosa and filling with fuel tanks.

A trip was made to Angina Dove Office on January 15 and 16, by Jim Hayes.

FIRE PREVENTION EQUIPMENT. Two one-gallon CTC extinguishers were received from Zion National Park and were promptly placed in service.

PUBLICATIONS. There are on hand, 1688 mimeographed informational leaflets. A request was answered for 50 leaflets to be sent to the National Automobile Club of Oakland, California.

Ted C. Sowers,
Custodian.

ADDITIONAL WEATHER DATA.

January 26 - The 40 MPH wind blew for 30 hours. Minimum temperature registered -5.

January 27 - Minimum temperature registered -22.

January 28 - Minimum temperature registered -31. Alamosa was again the coldest spot in USA with minimum of -50.

January 29 - Minimum temperature registered -7. State Highway snow plow opened up the approach road from Highway 17 to headquarters.

FIRE EXTINGUISHER EQUIPMENT. Two one-gallon CO2 extinguishers were received from the National Park and were properly placed in service.

PUBLICATIONS. There are on hand, 1825 miscellaneous informational leaflets. A request was answered for 80 leaflets to be sent to the National automobile club of Oakland, California.

Ted G. Sowers,
Custodian.

MONTHLY CLIMATE DATA.

January 26 - The 40 MPH wind blew for 20 hours. Minimum temperature registered -5.

January 27 - Minimum temperature registered -3.

January 31 - Minimum temperature registered -3. Lowest was again the coldest spot in USA with minimum of -32.

February 10 - Minimum temperature registered -7. Black Mighty was plow opened up the mountain road from Highway 17 to headquarters.

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

JANUARY
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station (Sundays)	5	71	15 mins
(Give Name or Type) Total	5	71	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1	(50 leaflets)	
Other			

71
Total Receiving Interp. Serv.

179
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ted C. Sowers

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

January 24, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of January, 1948.

Visitors this month - 1325; travel year to date - 5242.

Administration The custodian and his family was on annual leave Christmas week for a very enjoyable visit with Custodian Jackson and family at Tumacacori. We also took the opportunity to acquaint our daughters with the monuments enroute.

The 176 franked mailings allowed for the rest of the fiscal year beginning November 1, 1947 imposes a severe limitation. When we subtract those already used and allow for those needed to make remittance from ticket sales, we have left less than two mailings per week. Stamps supplies by Southwestern Monuments Association have enabled us to answer requests for information.

Considerable time was required to secure finger prints and Loyalty data from two Indians hired for four days last August.

Most of January 15 was spent conferring with Architect Saunders on matters pertaining to Montezuma Well.

Archaeologist Schroeder was on duty 12 days at Montezuma Well and was otherwise occupied as follows: On travel status December 27 - 31 to attend archaeological conferences in Albuquerque and Santa Fe; 4 hrs. sick leave January 6 in A.M.; 6½ days working at the Castle.

As this is written Ranger and Mrs. Leding and their daughter are recovering from what appears to have been a case of food poisoning.

Weather The weather has remained ideal for travel with day temperatures ranging in the sixties and nights in the twenties. There has been no moisture of any kind.

Maintenance The water heater in Residnece No. 1 failed and the coil was removed for cleaning.

Redecoration of the kitchen in Residence No. 1 is almost complete.

Our water pump was cleaned, adjusted, and the oil changed.

At Montezuma Well rubbish clean-up was continued with 15 loads taken to the dump. An outhouse near the quarters was torn down, old wagons and broken farm machinery were removed, and the barn area partially cleaned.

Interpretation The museum catalog was checked and all loose pictures re-glued. The rubber cement used on these pictures is unsatisfactory, and dry mounting tissue was used in replacing them. Work was continued to bring our museum catalog record up to date.

Archaeologist Schroeder's article on Montezuma Well is carried in the current issue of Plateau. It is being considered as a reprint for sale.

Fact files at the Well were brought up to date, a few more artifacts were catalogued, and a label was made for the Mesa Verde mummy at the Castle.

Two reels of pictures, "Glimpses of the National Monuments and National Park in Arizona" and "Pima Indian Basketry and Pottery Making" were shown to 750 school children and adults in the Verde Valley. These included schools at Camp Verde, Cottonwood, Clarkdale, and Jerome and the Camp Verde P.T.A.

Protection Cattle have been coming through the water gap at the Well regularly and leaving evidence of their visit around the museum and picnic grounds which are not fenced off from the water gap.

Boundary In rechecking the boundary markers set by Engineer Bradley it was found that the stake and pile of rock set up on the bank of a wash on the southwest corner of the property had been washed away.

Roads Surveyors working on the proposed Black Canyon Highway have located preliminary stakes through a canyon about one mile west of the Well which is the nearest approach of the road. The last location stakes are two miles north of Camp Verde on the east side of the river. Other preliminary stakes pass the Castle entrance.

The county road from McGuireville to the Well is being widened in spots and the bed is being improved.

Use of Monument Facilities By The Public There were 1106 visitors to Montezuma Castle who came in 335 cars and 219 visitors in 67 cars were counted on the 12 days when Schroeder was on duty at the Well. We are unable to make any estimate of visitor use at Montezuma Well when Schroeder is not there because we are out of guide booklets for the trail. When these are available, the number removed from their box gives us some idea of the number of parties who have visited the area.

Schroeder was on duty at the Castle Christmas Day and contacted 14 cars with 54 visitors. Leding on duty at the Castle New Year's Day contacted 16 cars with 50 visitors.

At Dorfmann Hall rotting plaster-lay was replaced with 12 lamps; taken to the lamp. An entrance over the quarries was torn down, old wagons and broken farm machinery were removed, and the main area partially cleared.

Interpretation: The common matting was checked and all loose pieces re-glued. The rubber cement used on these pieces is unsatisfactory, and dry mounting sheets may need to replacing them. This will additional to bring our museum catalog record up to date.

Archaeologist Dobrescu's exhibit on Dorfmann Hall is service in the museum lobby of Pierson. It is being monitored as a regular exhibit.

Post Office: At the hall were brought up to date, a few more artifacts were catalogued, and a label was made for the Kaza tools among at the Cabin.

Two meals of visitors, children of the National Museum and National Park in Tiflora" and Tiflora Junior Museum and Factory Safety were given to 700 school children and adults in the Tarin Valley. These included schools at Tarf Tarin, Sabinsbell, Tiflora, Sal Jirma and the Camp Tarin F.C.A.

Protection: Cattle have been seen grazing through the water cut at the hall. Regularly and learning evidence of their visit around the museum and plants growth which are not found out from the water trip.

Security: In reshelving the Sunday matters and by Tarinner Trading it was found that the stone and pile of rock sit up on the back of a wall on the southwest corner of the property had been washed away.

Trail: Surveyors working on the proposed Tiflora Nature Library have located preliminary stakes through a narrow stand one mile west of the hall which is the nearest approach of the road. The last location stakes are two miles north of Camp Tarin on the west side of the river. Other preliminary stakes pass the Cabin entrance.

The newly read from Sabinsbell to the hall is being widened in spots and the bar is being improved.

Use of museum facilities by the Public: There were 1107 visitors to Dorfmann Hall the same 37 [illegible] and 213 visitors to Pierson were recorded on the 12 days when attendance was recorded at the hall. It was impossible to make any estimate of visitor use at Dorfmann Hall when information is not there because no are out of guide tendlets for the hall. Also these are available, the number received from hall has lived in some like of the number of parties who have visited the area.

Yosemite was on duty at the Tarin Visitors for all weekend 14 cars with 44 visitors. Ranger was duty at the Tarin Bay Tarin's Jay contacted 12 cars with 30 visitors.

Tickets were sold to 289 visitors, Complimentary Admission Tickets were issued to 29 visitors and 41 children were admitted free.

Contact Time Total contact hours at the Castle - 118; Hastings 49.75; Leding 43.25 and Schroeder 25. Ninety trips were made through the Castle for 360 visitors and 662 visitors were contacted in the museum in 149 groups. One hundred forty-three visitors received information outside the ruins or museum.

Projects for Ensuing Month Paint has been purchased and is to be applied to the house at Montezuma Well both inside and out. A propane system is to be installed there and with the award of contract a septic system installed and other work performed on the quarters. We plan to take our annual inventory and do some redecorating in Residence No. 2.

Homer F. Hastings

Homer F. Hastings,
Custodian.

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

January
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	90	360	1 hour
Other			
Total	90	360	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	31	662	10 min.
Orientation(connected with conducted tour but information received by those not making tour)	31	143	10 min.
(Give Name or Type) Total	62	805	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (slef guiding nature trail)	31	No record	20 min.
Montezuma Well Trail (self guiding with leaflet)	31	219 *	30 min.
(Give Name or Type) Total	62	219	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

1384
Total Receiving Interp. Serv.

1325
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Homer T. Hastings

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Ranger on duty for 12 days of month on which these figures are based.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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120905

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Jan 26, 1948

MEMORANDUM for the Regional Director, Region Three

There follows a monthly report of activities in this area for the month of January 1948.

WEATHER: We believe we have reached something of record with 16 consecutive sunny days in January. To date this year we have recorded only one cloudy and one partly cloudy day. Two inches of snow fell on the 18th and two inches fell last nite, at 2 P.M. it is still snowing. Minimum temperature was 11 degrees and the maximum was a rosy 54 degrees.

ROADS: All approach roads have been open all month.
The Indian service blade came in but the road was so deeply frozen that very little earth was moved. On warmer days we gave the entrance road two round-trip treatments with our homemade drag and the surface is smooth.

VISITORS: 20 Visitors arrived at this area in 7 cars but all had purposes other than ruin trips.

PROGRESS REPORT: Concrete forms were removed from the gas pump base and the area was covered with gravel.
Thirty feet of stockade fence was removed and installed where it now permits a roadway to the gas pump in the enlarged utility area.
Faulty bearings on one of the Kohler units were replaced by the Custodian.
Several roadside directional signs were uprooted, brought in, rerouted and repainted as needed and replanted where needed.
Six large junipers have been mortised for additional two post signs.
A lumber bunk was constructed to preserve our preciously salvaged scraps of packing cases, apple boxes and peach lugs which comprise our lumber stock pile.
A belated report on Roads and Trails work progress was furnished your office.
This office also furnished (as far as our authority permits) a revised outline for the Master Plan. It is hoped that a revised edition of our 8 year old plan may be coming soon.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

page 2

GENERAL: In these times of inflation employees on static Government salaries are familiar with the wolf-at-the-door. Here at Navajo we have a persistent diurnal visitor in coyote clothing. This fellow prowls around the house most of the day. Stares into the windows and some times I think he's hoping we will miss a paycheck and that our check-to-grocer existence will be weakened to make us an easy prey. And what will the one-legged Woodhouse Jay who feeds off our window sill do then?

J.W. Brewer, Jr.,
Custodian

[illegible]. In these times of inflation employees on state reservations are familiar with the wait-on-the-tour. Here at Trudeau we have a periodical tourist visitor in uniform -looking. This fellow prowls around the nurse most of the day. Sometimes the -lighter and some times I think he's trying to will also a physique and that our cross-to-grouse attendance will be measured to take us on any grip. And what will the one-legged Sanitarium do who feels of our window sill do then?

J.A. Brandy, Jr.
Trudeau

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MONTHL TATISTICAL REPORT OF INTERPRET SERVICES
IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

JANUARY
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1 Intermittent Laborer

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2		
Other			

*
Total Receiving Interp. Serv.

20
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME H. P. Brewer Jr

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~* 20 visitors arrived here with purposes other than ruin trips.~~

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT
Box 38, Ajo, Arizona

January 25, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of January, 1948.

WEATHER

All month has been very clear and dry. A rain is needed but it looks like a good flower year anyway. A low of 21 on January 1 set a station record. Maximum for the period was 85 on the 9th which is also a record for that date.

TRAVEL

Travel set a record mark this month with 9092 persons through the area. Out of state visitors have increased at a great rate and travel on to the Gulf very heavy with fishing reported good. The proportion of campers to total travel seems to be lower this winter.

GENERAL

All the time that could be spared from maintenance work was spent on contact and keeping office work current.

One trip was made to Chiricahua National Monument with Ranger Ringenbach's furniture.

One day was spent with Architect Saunders checking rehabilitation work.

PERSONNEL

Ranger Ray Ringenbach was transferred to Chiricahua on January 11 and was replaced by Glen Bean on January 24.

The maintenance-man position was filled by Arthur Guinn, formerly with the P.R.A. here on the Organ Pipe highway.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ACCIDENTS

Three highway accidents this month killed two cows and a horse. While we don't like to have to use the signs, a standard "Watch for Cattle" sign was placed at the north entrance.

PUBLICATIONS ON HAND

Informational two-fold pamphlets, English version - 16,700.
" " " Spanish version - 3,400.

William R. Supernaugh,
Custodian.

APPENDIX

Three military auxiliaries this month filled the navy and a brave, smile we don't like to have to use the signal, a reminder "Please for cable" also was placed at the bottom entrance.

PUBLICATION IN CAMP

Informational two-fold pamphlets, English version - 14,000.
" " " Spanish version - 2,000.

William E. Hoffmann,
Director.

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

JANUARY
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	2	13	1½
Ruins or Hist. House			
Other			
Total	2	13	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	20	274	½
(Give Name or Type) Total	20	274	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

287
Total Receiving Interp. Serv.

9092
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Ranger transfered during month

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Saguaro NATIONAL MONUMENT

Tucson, Arizona.

January 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly NARRATIVE REPORT of activities at Saguaro National Monument for the month of January, 1948.

WEATHER. Snow fell at Headquarters on the night of December 30 for the second time in the past nine years. Approximately two inches was measured at Headquarters, with nearly five inches falling at Madrona Ranger Station. The remainder of the month was warm, with temperatures of 80, 83, and 80 degrees on the 7th, 8th, and 9th setting a 57 year record for temperatures in the Tucson vicinity in January. On all of these three days Tucson was the warmest spot in the United States.

INSPECTIONS. Architect Ken Saunders and his wife were in for a half day on the 18th, to look over our roof repair jobs, and obtain information to write up specifications thereon. Bill Supernaugh, of Organ Pipe, was in over the night of the 13th, to pick up the surplus coils from our large water tanks.

MAINTENANCE. Our two new 4000-gallon water tanks are now assembled, and ready to set in place. Water drainage structures were placed on two miles of the Madrona - Grass Shack trail, and tread was repaired on the last one-fourth mile of this section. The Loop road was dragged, and culverts cleaned; however, due to lack of rain and heavy travel, this road is not in the best of condition at present. All outside trim, and all but the two rear windows of the Headquarters building were painted during the month. Our radio antenna masts were reset on concrete bases, and permanent guys installed. The repaired dump truck, horse-trailer, and water pump were brought back from Casa Grande on the 5th, when the Chevrolet pickup was left there for body and frame repairs.

APPROACH ROADS. Terrible!

COOPERATING NON-GOVERNMENT AGENCIES. Mr. J. H. Feth, Geology instructor at the University of Arizona, has done quite a bit of work in connection with mapping the ground-water strata within the west section of the Monument. He, with the approval of Dr. Clark, of the U.S.G.S. for whom the work is being done, has promised us copies of his maps and reports, which should be completed this year.

TRAVEL AND INTERPRETIVE SERVICES. With 3204 visitors, arriving in 990 cars, 54 horses, and one motorcycle, all previous records for January were broken. This almost doubled the December travel, and exceeded that of last January by 948 persons; futhermore, with the exception of one month when travel was estimated, rather than counted, all previous records for any single month have been broken. A total of 1042 persons, in 300 parties, was contacted at Monument Headquarters. This is also a new record, as is the 5070 minutes contact time spent. Our visitors registered from 38 states, Canada, the Canal Zone, Puerto Rico, and France.

EXHIBITS. Planting of a new arboretum of local cactus species and landscaping of the area in front of the Headquarters, started early in the month, is approximately 50% completed. This improvement is drawing much favorable comment and interest from visitors. Work on what we hope will be a rather impressive multiplex display of colored cactus prints is also under way. Both projects should be completed by the end of this month, unless we are overwhelmed with visitors.

PERSONNEL. Mr. Marvin H. Frost, Sr., was appointed to the Temporary Ranger position, effective January 7. Mr. Frost, a resident of Tucson since 1940, is known to many Southwestern Monuments personnel. We believe that this appointment sets some kind of a record, as both of his sons have, in past seasons, also been employed as Seasonal Rangers at other monuments.

Mr. Newell Bundy entered on duty as Laborer on January 7th; this again brings our trail crew up to four men, as he replaces Mr. Robert Nivison, who has not returned to work since December 27.

PUBLICITY. The Tucson Star has carried one long and two shorter articles on this monument during the month. Also, we had a front-page photograph of the snowfall of December 30 in the same publication. Local radio stations have been most cooperative in helping us to familiarize Tucson residents with road conditions enroute to the monument, and in attempting to stop local filling-station operators from routing visitors to Saguaro via Vail, a practise which has caused much complaint in recent months.

PUBLIC HEALTH. The water supply sample from Madrona Creek on January 1 was again reported unfit for human use. It is very doubtful if there will be any sample taken February 1, unless we receive rain, as the pot-holes in the creek are again dry, and it appears that we must soon begin hauling water ~~again~~.

Don W. Egermayer
Custodian.

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument.
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary		1	

January
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters.	31	1042 persons, in 300 parties.	5070 min. total 16.9 min. avg.
(Give Name or Type) Total		1042	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1042
Total Receiving Interp. Serv.

5204
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Don W. Egermayer

TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Temporary Ranger position filled January 7, 1948.~~ Arizona

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

January 31, 19 48

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of January, 1948.

Visitors this month: 315 Travel year to date: 3223

Travel: Visitation has held up well in spite of adverse road conditions. 125 visitors registered during January, an increase of 24% over that recorded for the same period a year ago. The remarks taken from the Register indicate that several parties left their cars somewhere between Hiway 89 and the registration area, continuing on foot for the remaining distance. Occasional snows have closed the road, for at least a portion of the month.

Weather: Freezing temperatures during the major portion of each day have been the rule. Periodic snows have blocked roads, particularly during the last half of the month.

General: The approach and entrance road remains very rough. The general appearance of the area has been good with no indication of vandalism noted. The area is surprisingly clean considering the steady flow of travel.

Robert F. Upton
Ranger-in-Charge

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

19 42

Memorandum for the Regional Director, Region Three.

Subject: Visitor use of Sunset Crater National Monument for the month of January, 1942.

Visitors this month: 224 Travel-year to date: 2224

Travel: Visitation has held up well in spite of adverse road conditions. All roads were neglected during January, so lessened of all over, was recorded for the same period a year ago. The rangers taken from the Monument during last several years on July 1st were assigned between Sunset and the Registration area, beginning on June 1st the rangers stations. Consequently none were sent to the road, for at least a period of two months.

Weather: Freezing temperatures during the entire month of January have made the roads. Motists also have blocked roads, particularly during the last half of the month.

General: The approach and entrance road remains very rough. The general condition of the area has been good with no important or major changes noted. The area is surprisingly clean considering the steady flow of visitors.

Respectfully,

Robert T. Quinn

Ranger-in-Charge

Section 304
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411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			1
Temporary			

January
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	31	125	5 Min.
(Give Name or Type) Total	31	125	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

125
Total Receiving Interp. Serv.

313
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Robert F. Upton

TITLE Ranger-in-Charge

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

No personnel in residence on the Monument during the month of January.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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120905

Tonto National Monument
Roosevelt, Arizona

January 31, 1948

Submitted for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of January, 1948.

Weather. A few cold days at the first of the week brought a little snow here, which melted in a short while. Rest of the month was bright and warm, but the nights of the 27th and 28th showed a drop to 28°, which made the water pipes. An immediate, though brief, drop in the travel resulted from the cold.

Approaches to Monument. The Apache Trail is in fair condition, though corrugated in many places. The entrance road is a bit rough, due to lack of maintenance and heavy travel.

Interpretive service. Of 2613 visitors to Tonto in January, 1856 made the climb to the Cliff Dwellings, in 204 parties. As it is impossible to make round trips with all the parties, the Ranger or Custodian remains in the ruins much of the time in the afternoons, conducting tours as the visitors reach the cliff dwelling. 2552 persons visited the museum, unattended much of the time. Due to visitor pressure, no trips are made to the Upper Ruins on Sunday, and very few on week days.

Travel. Travel for January was nearly triple that of December 1947, and set a January record with 2613 visitors as compared with 2122 for January last year. Travel increased greatly during the year-end holidays, and has continued to pour in.

General. Work progresses slowly on the resurfacing of the trail to the Lower Ruins. It is hard to find enough earth among the rocks to work with. A broken spring on the Dodge pick-up was replaced, with Ranger Hendricks doing the work. A broken gas line likewise. Good manage to keep it running part of the time. Considerable work has been done around the ravine which serves as a utility area. Due to the travel, and a couple of days when the custodian had the flu, the office work is hard to keep caught up.

Visitors. Miss Shirley Cooke, of Chiricahua, visited a week end at Tonto during the interim between semesters at the University of Arizona.

Charles C. Sharp
Custodian

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

January
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~	34	1056	45 min av.
Other			
Total	34		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
[illegible] office and museum	31	[illegible]	15 min. av.
(Give Name or Type) Total	31		

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

3614
Total Receiving Interp. Serv.
2618
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Charles G. Sharp
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

January 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of January, 1948:

WEATHER CONDITIONS: Severe drowth conditions continue, with only .19 inch of precipitation. Temperatures ranged from minimum of 18 on January 1 to maximum of 83 on January 8,9, and 10. Cattle ranges are in such bad shape cattlemen are having to ship their cattle to winter pasture lands. Wells in Nogales have the lowest winter water level in history.

MAINTENANCE: Routine was kept current, and numerous minor repairs made on buildings and equipment. Pruning was done on the grounds and in the patio garden. Verbenas and Nierembergias were planted. One sizable young mulberry was transplanted from the patio to the grounds. Watering has had to be resumed. Ammonium sulphate has been given in judicious doses to numerous trees and shrubs. Hinges have been installed above museum cases, so that burned out light bulbs can more easily be replaced. Steps in the museum building have been painted white, because so many visitors stumble on steps only two inches high, not seeing them.

MAJOR REPAIR AND REHABILITATION: The interior of the custodian's residence was repainted, and the floors of the living room, dining room, and hallway sanded, shellacked and waxed. Covering of the museum building roof with two new layers of asphalted felt and aluminum paint is almost completed. All this work is being done by a contractor.

INTERPRETIVE SERVICE: 2,089 visitors went on 258 guided trips through the mission and grounds, receiving an average of 37.65 minutes per trip. 3,932 visitors saw the museum. 3,956 persons received combined Information and Interpretation Service.

INCREASE OR DECREASE IN TRAVEL: Our visitor total of 4,065 for this month sets a new travel record for this monument, not only for January, but for all time. Highest previous January brought 2,792 visitors, in 1947. Highest previous month was February, 1947, with 3,481 visitors. (All this shows no reference to the 4,850 attendance in April, 1939, which is the month in which the museum was dedicated, and did not reflect a true travel picture).

The high travel figure for this month is not of great value statistically, because this is the first time the monument has been adequately staffed during a peak travel month. With a seasonal ranger on duty there has been somebody at hand to record many

museum visitors, and consequently to make many more informational contacts, with persons who otherwise could have been in and out unseen.

VISITORS: December 28 - Ken Stott, Jr. Curator of Mammals and Publications, San Diego Zoo.

December 29 - The Brandeis School, from Tucson, with 65 persons.

December 31 - Maintenceman and Mrs. C.D. Barnett, Casa Grande National Monument.

January 5 - Ranger and Mrs. Roland Richert, Tuzigoot National Monument.

January 13 - Bill and Catherine Wilson, of Rainbow Lodge, and formerly Acting Custodian and HCWP of Navajo National Monument.

January 24 - Zachary Gold, well known writer of short stories for the Saturday Evening Post.

INSPECTIONS: January 19 and 20 - Architect Kenneth Saunders went over the repair and rehabilitation program in great deal with the custodian, and checked the work of the contractor.

PUBLICITY: December 28 - Ray Manley and Howard Binney, photographers, were in getting pix for a spread in National Geographic.

January 15 - Barry Goldwater, well known Arizona Sportsman and photographer, was in taking pictures.

GENERAL: Affairs at Tumacacori are going along in good shape, with everything as quiet and restful as Grand Central Station in New York.

Earl Jackson,
Custodian.

- 2 -

many visitors, and frequently to make many more informational contacts, with persons who otherwise could have been in and out unseen.

VISITORS: December 28 - Ken Stets, Jr. Director of Channels and Exhibitions, Ft. Worth Inc.

December 29 - The Brandis School, from Queens, with 25 persons.

December 31 - Entertainment and Mrs. G.H. Durant, from Wichita National Bankers.

January 2 - Auger and Mrs. Wilson Sisson, Wichita National Bankers.

January 13 - Bill and Catherine Williams, of Jordan Lodge, and formerly Dating Exhibition and Curr at Wichita National Bankers.

January 24 - Anthony Dick, well known writer of about stories for the Saturday Evening Post.

INSTALLATION: January 13 and 20 - workers Lennox Sanders work over the repair and rehabilitation program in great deal with the exhibits, and checked the work of the contractor.

PROGRESS: December 28 - Geology and Energy Library, photographers were in getting pix for display at National Geographic.

January 12 - Harry Gulstrator, well known artist-journeyman and photographer, was in taking pictures.

GENERAL: Prints of Tomorrow are going along in good shape, with everything as valet and regular as Grand Central Station in New York.

Best Lawson,
Curtis.

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1

January
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	258	2,089	37.65 mins.
Other			
Total	258	2,089	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Combined information and interpretation service at registry desk or in museum. All visitors save runarounds get this service.	31	5,956	5 mins. average
(Give Name or Type) Total	31	3,956	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum, self-guiding	31	3,932	10 mins.*
(Give Name or Type) Total	31	3,932	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	0		
Displays and Exhibits	0		
Replies to Inquiries	2		
Other	0		

9,977
Total Receiving Interp. Serv.

4,065**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*Estimate. **Visitor total includes 109 Runarounds.

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

JANUARY 26, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for January, 1948.

Travel Data: 1225 persons in 358 parties. Travel this month more than doubled any previous January since Tuzigoot was established. Visitation for January, 1941 was 508 and for 1947 - 580. This visitor year promises to touch 15,000. Fully 90 per cent of all travel is from the north and northeastern states where people and trying to escape to Arizona's milder climate.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 3065 for the month. 1101 people in 296 parties were shown the museum, and 1074 people in 281 parties were conducted through the ruins. The average time spent by each party in the museum receiving an orientation lecture was 22.4 minutes while the average conducted tour through the ruins required 22.3 minutes per party.

Personnel Time: Museum: 110 hours, 35 minutes. Ruins: 104 hours, 50 minutes. Total time for Bright: 165 hours, 25 minutes. For Richert: 50 hours.

N.P.S. Visitors: Tuzigoot welcomed Architect Kenneth M. Saunders on January 14. Fortunately Kenneth arrived at the time the new re-roofing job for the Museum and Garage buildings was underway, and had an opportunity to inspect the materials used while the job was in progress. Ranger and Mrs. James B. Orr from Lava Beds National Monument visited the Monument on January 23.

Maintenance and Administration: The re-roofing of the Museum and Garage buildings, by the Webb Construction Company, Prescott, Arizona, was completed on January 17. Since it has not rained or snowed we have not had an opportunity to test for leakage. However, it appears as though they have done an excellent job. Some work was performed beyond what the contract called for. USDI L-13858 received a left door glass and a new set of water hose. When spare time from interpretive duties would permit Ranger Richert has been placing new descriptive labels inall display cases in the Museum.

Publications: 8950 Tuzigoot two-fold leaflets and 300 mimeo informational sheets on hand. No other free or for sale publications on hand at this Mon.

Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Section 30
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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~TUZIGOOT NATIONAL MONUMENT~~
Name of Area

~~JANUARY~~
Month

~~1948~~
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	~~ONE~~	~~ONE~~	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	~~281~~	~~1074~~	~~22.3 mins.~~
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	~~296~~	~~1101~~	~~22.4 mins.~~
Orientation (Not connected with conducted trip)	~~212~~	~~890~~	~~4 mins.~~
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	~~2~~		
Other			

~~3065~~
Total Receiving Interp. Serv.

~~1225~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Everett W. Bright

TITLE ~~Everett W. Bright, Custodian.~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Walnut Canyon National Monument,
Flagstaff, Arizona.

January 31, 1948.

MEMORANDUM for the Regional Director, Region Three. 19

There follows a report of activities in Walnut Canyon National Monument for January, 1948:

Weather. One inch of precipitation in the form of snow fell, and there were several nights of just below zero temperatures. Our entrance roads were blocked by snow drifts twice for a few hours only before the County snow plow cleared them.

Total precipitation for Flagstaff in 1947 was 13.13 inches while the 52 year average amounts to 21.17 inches. 1939, with 12.91 inches, is the only one of the past 52 years with less moisture than 1947. The top year was 1905 with 34.53 inches.

Visitors. Of the 434 total, 295 were contacted, and it is estimated that 150 made the ruins trip unattended despite the snow on trail.

Activities Other than Routine. The Custodian was in travel status about 5 days to attend a ruins stabilization meeting in Santa Fe, and he was on leave about 14 days of period. The Ranger reported several days of leave.

Difficulty was experienced with the light plant and the stand-by plant was placed in operation. Some 15 new light fixtures were installed, and a plaster patching job was accomplished in a residence.

Local Forest Service officials were contacted to learn what they know about a central repair shop being built in Flagstaff. This repair shop in under the supervision of their Regional Office, and the facilities will probably be available to NPS areas in this vicinity.

Paul L. Beaubien
Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Grand Canyon National Monument
Flagstaff, Arizona

January 26, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Grand Canyon National Monument for January, 1948:

Weather. The lack of precipitation in the form of snow fell. Temperatures were several degrees of just below zero temperatures. Our mission roads were blocked by snow drifts twice for a few hours only before the County snow plow cleared them.

Total precipitation for Flagstaff in 1947 was 21.17 inches which is 22 year average amounts to 21.17 inches. 1947, with 15.93 inches, is the only one of the past 22 years with less moisture than 1947. The two year run 1934 with 24.30 inches.

Visitors. At the 4th Point, 149 were counted, and it is estimated that 150 made the rims trip unaccounted despite the snow on trails.

Activities other than Rangers. The Superior was in travel status about 2 days to attend a Park Administrative meeting in Phoenix, and he was on leave about 14 days of period. The Ranger reported several days at home.

Difficulty was experienced with the light plant and the steam-generating plant was placed in operation. Some in the light circuits were installed, and a plunger pumping job was accomplished in a residence.

Local Forest Service officials were requested to learn what they know about a central remedy when being built in Flagstaff. This report was in under the supervision of their Regional Office, and the facilities will probably be available to NPS areas in this vicinity.

Paul L. Bowden
Superior

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

January
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		One(part-time)	One(part-time)
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Administration Building	20	295	1/3 hr
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

295
Total Receiving Interp. Serv.
434
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
5 page booklets	
opular Studies	
ource Books	

NAME Paul L. Beaubien
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

About 150 made the ruins trip unattended.

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120505

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

January 26, 48

MEMORANDUM for the Regional Director, Region Three.

JANUARY TRAVEL, 1948	1948 TRAVEL YEAR TO DATE
Visitors 6325 Cars 1698	Visitors 21312 Cars 5900

If January is any indication of what we may expect in '48 woe be unto the White Sands. November, December, January, February, and March are our five slowest months, based on previous records. January this year has surpassed any one of these five months in the history of the Monument. It shows a little over 100% increase over last January, which was also a record month since actual travel statistics have been kept.

The Travel Year To Date shows over 3,000 increase and the Fiscal Year To Date shows 11,132 increase over last year, which was the record year at that time.

No doubt much of this increase can be traced directly to the open weather. The month has had but one or two bad days. Temperatures have ranged from 1° above January 1 to 68° on the 18th, with an average afternoon temperature of 53°.

No official trips were made off the Monument. Several patrols were made within the area accompanied by Messrs. Davis, McColm, Kell, and Alleman. The western portion of the Monument was examined in preparation for boundary revision studies. An inspection was made on an application for an airport lease adjoining the Headquarters area to the north and a conference was held with the applicants.

Considerable work is being done by the State on major roads affecting our area. U. S. Highways 360, 54, and 70 are all being improved and repaired which should add materially to our feeder routes.

The open weather has allowed Joe to keep his roads open and in very good condition. The Grazing Service picked up their Power Control Unit recently, having picked up the Carryall several months ago, leaving us with only the 212 road patrol to fight the sand drifts during the windy season.

In sheer desperation we finally started tearing the plaster off our parking area walls, with our own force of course. We have cleared the front wall and will, as we can, catch the others It is a decided improvement but goodness only knows when we can put on new plaster.

ALAMOGORDO, NEW MEXICO

(2) Monthly Narrative Report 26-Jan-1948

The concession is showing a substantial gain. An interesting comparison from the record; In January, 1940 gross receipts were $84.25, in January, 1948 the concession gross will run over $2,000.00.

Museum contacts were normal, limited somewhat by the chill in the lobby. We are heating the museum but an oil stove is not adequate to heat the lobby. We are getting few complaints, however, so guess the public is not too uncomfortable.

Park Service visitors during the month included Messrs. Davis, McColm, Kell, and Alleman from the Regional Office. Mrs. and Mrs. Roland Richert from Tusigoot spent a couple of hours with us and Mr. and Mrs. Irving McNeil, Jr., from Chaco Canyon came up from El Paso where they were visiting.

We dare not venture a guess as to what we might accomplish next month. If the weather holds good visitors willlikely take most of our time. Unfavorable weather will give us a chance to make some repairs to tables and do a little more toward moving into the new picnic area.

We have been informed that during runway construction at the White Sands Proving Ground a quantity of broken pottery and evidences of walls were encountered, indicating occupancy by some ancient civilization. It is not likely we can delay or prevent Army construction to any great extent but I plan to go down, in accordance with instructions from your Office, to inspect the site and secure any artifacts of worth that can be obtained. From reports I have heard no pictures will be possible unless I can prevail on the Army to take them for me.

We are proud of our record for the month and hope we were able to give our visitors a large measure of satisfaction in visiting our National Park Service area.

Johnwill Faris,
Custodian.

in triplicate

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

JANUARY
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
MUSEUM	31	2920	1/6
(Give Name or Type) Total	31	2920	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2*		
Other			

"2920
Total Receiving Interp. Serv.

6325
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Paul M. Steel

TITLE Paul M. Steel, Ranger

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Custodian on leave portion of month.

* Inquiries answered through courtesy Southwestern Monuments Association.

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"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

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INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

January 31, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of January, 1948.

Visitors this month: 187 Travel Year to date: 875

Weather: Relatively mild winter weather prevailed during most of the month except for two "cold snaps". The lowest temperature recorded was 8° above and precipitation totaled .04 inches in the form of snow. The outlook for precipitation was optomistic this last fall, but the sudden change in storm patterns brings little hope that the long drought has been relieved.

Roads: The Wupatki entrance road has been open the entire month, although the one from Sunset has been closed. Lack of moisture shows in the condition of the road.

Travel: Visitor use exceeded that for any previous January, showing an increase of 70% over that of last January. Both the travel and fiscal year figures show more than a 30% increase over 1947. Perhaps this will be another record travel year in spite of predictions to the contrary.

NPS Visitors: Architect Saunders, Assistant Regional Director Davis, and Chief Clerk Gastellum visited the area during the month. Matters discussed included the Repair and Rehabilitation Program, wage board surveys and general monument problems. It was particularly convenient to have both John Davis and Louie Gastellum here at the same time for a discussion of problems. Ranger and Mrs. Orr of Lava Beds National Monument were monument visitors the latter part of the month.

Spring Flow: The flow of the Wupatki Spring increased to 881 gallons per 24 hours compared to 621 for last month. This is a normal increase, but still is only 60% of what is considered normal flow. Heiser Spring on the other hand continues to decrease with 1234 gallons per 24 hours compared to 1309 gallons last month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT

Shoshone, Idaho

Hagerman, Idaho

Hagerman is the Indian Village, Indian Term.

Shown taking a ride of artifact as Spanish Colonial Indian
for the mails of Jerome, Idaho.

Shoshone Falls water

Shoshone, Idaho's Falls, where another prevailing Indian, and of the
Indian energy for the Indian energy. The lower hydroelectric reservoir
was of Jerome and Hagerman, Idaho. Indian in the Jerome of Idaho.
The Indian for hydroelectric reservoir, Idaho. Indian energy
Indian energy in which reservoir, Idaho. Indian that the Indian energy
has been relinquished.

Image: The rapidly eroding and has been over the Indian rapids. A
the new Jerome Indian Idaho. Jerome of Idaho Jerome in the
condition of the road.

Image: Visitor was expected visiting Indian Jerome, standing on
Jerome of the new dam of Idaho Jerome. Both the Jerome and Twin
Falls Jerome dam was a Jerome Indian, near 1927. Jerome Falls, Idaho
Jerome another recent Jerome in site of preliminaries in the history.

The stations: Jerome Jerome, Jerome Indian Jerome Jerome.

Jerome Jerome Jerome station stations the area during the north. Jerome
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have both Jerome and Jerome Jerome of the Jerome Jerome for a
Jerome of Jerome. Jerome Jerome Jerome Jerome Jerome Jerome.
Jerome Jerome Jerome visitors the Jerome Jerome Jerome.

Jerome Jerome: The flow of the Jerome Jerome Jerome is 800 gallons per
Jerome Jerome Jerome to 800 for Jerome Jerome. Jerome is a Jerome Jerome, but
Jerome is only 300 of that of Jerome Jerome Jerome. Jerome Jerome
the Jerome Jerome Jerome to Jerome with 1234 gallons per in Jerome
Jerome to 1000 gallons Jerome Jerome.

Grazing: The C O Bar Cattle Company turned stock in about January 1st. An estimated 275 head is somewhat less than last year but possibly this is due to the fact that more water tanks are distributed over the range to the north of the monument and the cattle have not become accustomed to using the Deep Well tank exclusively.

For the first time in several years we have been having difficulty with cattle drifting in from Joe Kellam's range to water at Heiser Spring. Any where from ten to thirty head have been watering there and continue to return in spite of the efforts on the part of Mr. Kellam to prevent it. It is a situation which we can eliminate only by having the south boundry fenced. These cattle are taking feed which would be used by the Navajo sheep, making our grazing control problem more difficult.

Mr. H. Kirby is hauling water from Heiser Spring for his stock on the Coconino National Forest. Due to the decreased flow he has been allowed only 3600 gallons per week from the spring and has had to haul from other sources. His business is not an economically sound one for this reason.

Personnel: Ranger Upton was on annual leave from the 11th through the 21st. Sick leave totaling 13 days was taken by personnel of this area as a result of the wide spread influenza epidemic.

Special Activities: The custodian attended the Stabilization Conference in the Regional Office on December 30 and 31. One day was also included at the AAAS meetings at Albuquerque, New Mexico.

General: Considerable time was spent repairing light plants. A new 3 KW Onan was set up at Heiser and after 75 hours of operation required new valve springs. Valves were ground and new rings installed. Shortly afterwards the same job was necessary on the 3 KW Onan at the Wupatki residence. It is readily apparent that some of these generators were merely thrown together during the war.

Laying a flagstone floor in the basement and the completion of considerable back office work were the other major accomplishments.

David J. Jones
Custodian

Cemetery: The C.O. Bar Castle Company burned wood in about January 1st. It estimated 270 head 12 wounded less than last year but possibly this is due to the fact that more water holes are distributed over the range in the month of the movement and the cattle have not yet become accustomed to using the deep well tank exclusively.

For the first time in several years we have been having difficulty with cattle drifting in from the Gallatin range to water on Elder Spring. Any where from ten to twenty head have been watering there and getting to return in spite of the efforts on the part of Mr. Fallon to prevent. It is a situation that is one difficult only by having the work herdsmen fenced. These cattle are taking feed which would be used by the Bar Castle, making our fencing control problem more difficult.

Mr. A. Airy is hauling water from Delmar Spring for his sheep on the Gallatin National Forest. The 5a the increased flow is has been allowed only 1000 gallons per week from the spring and has had to haul from other sources. His business is not economically sound for this reason.

Personnel: Junior Turner was on annual leave from the 11th through the 21st. His leave including 14 days was taken by personnel of this area as a result of the six-period furlough schedule.

Social Activity: The cattlemen attended the stockholders conference in the Bozeman Office on April 6. The day was also included at the Adobe meeting at Livingston, Mr. Martin.

General: Gallatin Vista was spent repairing light plants. A new 2 KW generator was set up at Delmar and after 15 hours of operation required one day during January. Wires were ground all are close together. Shortly afterwards the same job was necessary on the 3 KW unit at the Gallatin residence. It is readily apparent that some of these generators were usually worn together during the war.

Helping a Hungarian Flyer is the business and the requisition of veterinarian was active work was for which order accomplishments.

David L. Lewis
Superintendent

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

January
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	25	60	30 Min.
Other			
Total	25	60	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Nalakihu Exhibit	31	51	5 Min.
(Give Name or Type) Total	31	51	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

111
Total Receiving Interp. Serv.

187
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

March 15, 1948.

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
White Sands	J. W. Faris	3/15-48	3- -48
Chiricahua	C.V. Cooke	3-18-48	3-20-48
Saguaro	W. E. Gammenger	MAR 22 1948	Mar. 25, 1948
Tonto	C.C. Sheng	March 28	March 31 '48
Tumacacori	E. Jackson	4-3-48	4-7-48
Organ Pipe	Scumaugh	4/8/48	4/9/48
Casa Grande	A. B. Rickner	4/14/48	4/15/48
Walnut	Beamber		4/19/48
Aupatki	Jones	4/19/48	4/21
Navajo	Bowen	4/30/48	5
Region Three Office --Mr. King			

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

March 9, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for naturalists of the Southwestern National Monuments for the month of February 1948:

Staff Activities - General

Naturalist Dale S. King was in the office during the month.

Archeologist Charlie R. Steen left February 9, visited Tumacacori, Casa Grande, and Saguaro, and started stabilization work at Casa Grande on February 16.

Planning

King participated in discussions on master plans for Wupatki, Sunset Crater, and Walnut Canyon and accomplished some work on the general portions of the written outlines for these monuments.

Research and Observations

Basketry specimens from Nalakihu Ruin on Wupatki National Monument were sent off for identification.

Pictures were received from Miss Katharine Bartlett of the Museum of Northern Arizona of skulls which will appear in a forthcoming report on Montezuma Castle and Montezuma Well.

Region Three Office Loan Library

Accessions for the month totaled 106, consisting of 7 books, 5 reports, 26 pamphlets, and 68 periodicals.

The books were:

Haile, Berard
Head and Face Masks in Navaho Ceremonialism

Howard, George D.
Prehistoric Ceramic Styles of Lowland South America, their Distribution and History.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saint Croix

June 24, San Juan

June 9, 1948.

MEMORANDUM for the Regional Director, Saint Croix.

Subject: Is the memorial mount for National Park of the Southwestern National Monument for the month of February 1948.

Staff Activities - General

Superintendent John E. Flynn was in the office during the month.

Administrative Aide E. Thomas Lift Vacancy I, Visitor Management, Park Trails, and Engineer, and required rehabilitation work at Park Trails on February 16.

Planning

Site preliminary by contractors of water place for Superior, Cinnamon Grove, and Saint Croix and accomplished some work on the general location of the written outline for these documents.

Research and Interpretation

Beginning excavation from Bakkeye Rock on Ruggeld Virtual Museum were sent off for identification.

Figures were received from Dr. Ernestine Martin of the Museum of Virtuoso Figure of Mexico which will appear in a Professional Report on Southern Delta and Southern Tail.

Saint Croix Little Land Lighter

Inventory for the month totaling 194, consisting of 7 books, 2 reports, 3 pamphlets, and 2 periodicals.

The books were:

Bolin, Harry
Land and Sea Cross in Seven Commonwealths

Bowen, Charge C.
Transatlantic Journey Flight of Lindbergh Book Lectures,
Saint Christopher and Nevis.

LaBarre, Weston
The Aymara Indians of the Lake Titicaca Plateau, Bolivia.

Brockman, C. Frank
A Guide to the Mother Lode Country

Lincoln, Frederick C.
Manual for Bird Banders

Caso, Alfonso, etc.
Mascaras Mexicanas

Covarrubias, Miguel, Editor
El Arte Indigena de Norteamerica

Southwestern Monuments Association

Treasurer Alan C. Vedder vacationed from January 20 through February 20, and consequently King spent considerable more time on Association routine than normally. Vedder worked five days and during that time 28 letters, 52 covers, and 23 purchase orders were accomplished. One deposit was made.

King prepared a rough draft of material to be sent to the mailing list in our first mailing. He edited in final form a pamphlet which will be placed on sale at Montezuma Well and put it in the hands of the printers.

Display cases for Tumacacori and White Sands were completed during the month except for installation of wiring and electrical fixtures.

Additional correspondence was carried on with the naturalist at Carlsbad Caverns to continue planning of a booklet which may be printed for that area.

Discouraging news was received from a friend of the Association who had hoped to obtain funds to insure the early publication of a Festshrift volume in honor of a Southwestern scientist. Almost three times as much money must be obtained as is now in hand to publish this worthwhile volume.

The Association gave permission to a geologist from California Tech to use three of its Kodachromes in a forthcoming textbook on geology, provided that credit is given to the National Park Service.

Ruins Stabilization

An excellent report on the condition of wall paintings at Tumacacori was received from Custodian Jackson and forwarded to the Director's office.

Steen started work on Compound A at Casa Grande on February 16, pointing of walls with caliche, after removing the concrete coverings. He

Lakeview, Kansas
The Joyce Jackson of the Julia Tilghman Chapter
Delphia.

Arnsberg, Jo Frank
A Belle on the Prairie Lady Country

Lincoln, Prentiss C.
Manual for Rural Leaders

Ames, Glenn Ellis
Ranches Challenged

Hammerstein, Oscar, Second
To Life Dedicated the Tintypes(?)

Community Planning Initiatives

Inventor Alan C. Farmer remembered from Kansas of Kansas Tabernacle 20, and successfully filing Kansas Antiquities Court Site in Antiquities Quality than normally. Farmer worked five days and during that time 20 Indians, 18 Jerseys, and 12 Jersey visitors were approximately. The Jersey was taken.

City proposed a study group of interest in to work to the building lies in the first building. In addition in Fall Fair Tour a Jackson Edins will be placed on view at Jackson Hall and just 15 in the Delta of the Pittsburg.

Display space for Commerce and Delta Equal were associated during the month except for installation of working and electrical fixtures.

Additional correspondence was carried on with the relocation of Jackson Centers to Jackson Lincoln of a building which may be jointed for that area.

Correspondence was received from a friend of the Jackson Lincoln the building to Jackson Fair to Jackson the early publication of a Jackson Edins Jackson Lincoln of a Jackson Edins. Lincoln Edins Edins on work money must be obtained before it can be used to publish this worthwhile volume.

The Jackson Lincoln Jackson Lincoln to a Jackson Edins Jackson Lincoln Jackson the Edins of the Edins Edins in a Jackson Edins Edins in Jackson, printed this month is given to the Jackson Lincoln Jackson.

Elite Beautification

In Jackson Edins to the Jackson of well publication of Jackson Edins the Jackson Edins Jackson Edins Edins Edins to the Jackson's Edins.

Edins Jackson Edins on Jackson and Jackson Edins on Jackson in, painting of Edins with Edins, after Jackson the Jackson Jackson. In

found that use of concrete plaster many years ago was unfortunate, because the original caliche walls have melted away underneath the concrete in many instances. While outlining wall bases and adjusting drainage, he discovered that almost all walls in Compound A are at least three feet thick, rather than being narrower as formerly believed.

Projects for March

King will be in the office most of the month, except for short trips to Bandelier and Albuquerque, will spend considerable time on master plans, and hopes to complete preparing mail material for the Southwestern Monuments Association.

Steen will return to the office from Casa Grande about the middle of the month.

(SGD) DALE S. KING

Dale S. King,
Naturalist.

MILTON J. [illegible]

Approved for Distribution _____, March 9, 1948.
Acting Associate Regional Director.

cc: Mr. Dodge.
Monument Circulation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Arches
NATIONAL MONUMENT
Moab, Utah

February 26, 1948

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of February, 1948:

GENERAL: A few visitors entered the area during the month despite poor travel weather. On our one or two warm days several cars visited the Windows section.

WEATHER: Snow fell on January 26th, February 6th, 7th, 10th, 11th, 23rd and 24th with a good rain on February 22nd. Cold winds blew intermittently during the month. Our coldest night for the year occured on January 26th when the thoremometer registered zero degrees. The nightly temperature has been down around 15 degrees for practically the entire month.

TRAVEL: A total of 30 cars and 94 people visited the area during the month. This was slightly over our travel for last month and an increase of about one third over February, 1947. Most of the visitors were local people.

INTERPRETIVE SERVICES: Nine parties of 28 people were contacted at headquarters. A total of 88 people visited the Windows section unattended. No contacts were made in the Windows section and no guided trips were taken during the month.

SPECIAL ACTIVITIES: A trip was made to Fruita and Grand Junction, Colorado on February 10th in company with County Commissioner L. L. Taylor to contact Mr. Emmett Elizende regarding the option to purchase the Turnbow property.

COOPERATING GOVERNMENTAL AGENCIES: Very little road work was accomplished by the Grand County construction crew during the month due to unusually cold weathers and snow storms. At this writing the roughing out of the Devil's Garden spur has been completed. The grader is working on finishing of the upper end of this spur. The bulldozer is doing some further work on the sand cuts between the Salt Valley Wash and the parking area. One surfacing material site has been designated and a large stockpile has been made. If our clear spring weather continues the bulldozer should start on the Delicate Arch spur about March 1st. Surfacing will probably start

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches
NATIONAL MONUMENT

Moab, Utah

February 16, 19 61

Memorandum for the Regional Director, Region Three:

The following is a monthly report for Arches National Monument for the month of February, 1961:

GENERAL: A few visitors toured the area during the month despite poor travel weather. On one or two warm days groups were visited the Arches monument.

WEATHER: Snow fell on January 28th, February 6th, 7th, 10th, 11th, 12th and 13th with a good rain on February 22nd. Cold winds blew intermittently during the month. Our minimum reading for the year occurred on January 30th when the thermometer registered zero degrees. The highest temperature has been recorded in degrees for practically the entire month.

VISITORS: A total of 20 cars and 84 people visited the area during the month. This was slightly over one hundred for last month and an increase of about one hundred over February, 1960. Most of the visitors were local people.

INTERPRETIVE SECTION: Five parties of 22 people were conducted at Landscape Arch. A total of 84 people visited the Windows section maintained. No contacts were made in the Windows section and no guided hikes were taken during the month.

SPECIAL ACTIVITIES: A trip was made to Price and Green Mountain, Colorado on February 23rd in company with County Commissioner L. L. Taylor to contact Mr. Dewey Tillmanns regarding the option to purchase the Tarbox property.

CONSERVATION CONSERVATION AMENITIES: Very little road work was accomplished by the Grand County contractors crew during the month due to unusually cold weather and snow storms. At this writing the repairing and of the Delicate Arches spur has been completed. The grader is working on finishing of the upper end of this spur. The bulldozer is doing some further work on the road side between the Salt Valley Wash and the parking area. One overhanging material site has been dynamited and a large stockpile has been made. If our clear spring weather continues the bulldozer should start on the Delicate Arch spur road work Inc. Surfacing will probably start

~~[illegible]~~ about that time. Drifting sand has caused trouble in some of the cuts and they are going to install snow fence at these points to try to eliminate this. They may have to postpone work on the Fiery Furnace and Klondike Bluffs spurs as the county equipment will soon be urgently needed on other county roads.

PRIVATE LANDS: The option for the purchase of the Turnbow property has been obtained and approved, thus clearing up the private land problem in this monument.

MAINTENANCE: Our water pump ceased functioning on January 28th. It was dismantled on February 13th and it was found that the working valve had become detached from the sucker rod. After removing and replacing the sucker rod twice we finally got it to functioning again and at this writing our storage tanks, 20,000 gallons, are full.

The winds of the last month have removed practically all of the roof covering on the warehouse roof. Temporary repairs have been made over the office portion with the hope that funds will be made available for permanent repairs.

Russell L. Mahan

(in trip.)

Russell L. Mahan
Custodian

Page 2, Arthur Harr, Sgt., Feb., 1942.

something about that time. Drifting and the general trouble in some of the outs and they are going to install some there at these points to try to eliminate this. They may have to purchase work on the Tabry Furnace and Elizabeth Mutty supplies the energy equipment will soon be urgently needed on other energy areas.

PRIVATE LAND: The option for the purchase of the Turbow property has been obtained and approved, this showing on the private land problem in this community.

MAINTENANCE: The water pump ceased functioning on January 22th. It was financial on February 1st and it was found that the working valve had become detached from the motor rod. After removing and replacing the motor rod valve on Firefly put it to functioning again and at this writing are showing tanks, 22,000 gallons, are full.

The plank of the last month has removed practically all of the roof covering on the warehouse roof. Temporary repairs have been made over the office portion with the hope that funds will be made available for permanent repairs.

(In haste,)

Harvell L. Wilson
Chairman

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 February 1948

[illegible] for the Regional Director.

There follows the report of activities in Aztec Ruins for February 1948.

WEATHER. A low of minus 16 with 7 inches of snow was reported for the 15th of Feb. This cold spell slowed travel for three or four days, but with the coming of warmer weather from the 18th on travel increased.

MAINTENANCE. Much time was spent clearing away snow and checking drains when the snow began to melt. The snow and cold spell had held outside maintenance to a minimum.

PERSONNEL. Custodian Powscond is still on annual leave. Ranger Lloyd H. Pierson reported for duty Feb. 5. Ranger Tom Chenoweth returned to Lakeview, Feb. 13 leaving Ranger Pierson in charge.

SPECIAL ACTIVITIES. Ranger Ora D. Clark gave a showing of the film on National Monuments of the Four Corners to 60 pupils of the local high school Feb. 11.

TRAVEL. There was a decrease in travel this month as compared to that of a year ago this month. 306 visitors were reported for this month compared with 406 a year ago. 14 states and British Columbia were represented in this month's 73 cars.

VISITORS. Custodian McNeil and wife of Chaco Canyon; Feb. 6., Al Lancaster of Mesa Verde; Feb. 21 and Jean Finley and Phil Van Cleave of Mesa Verde; Feb. 22.

Interpretive Services. 234 people in 43 parties went through the ruins and 306 persons in 57 parties visited the museum.

Lloyd H. Pierson,
Acting Custodian.

In triplicate

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 1, 1948

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of February, 1948.

Weather

The Monument was practically snowed in all of this month and we did not have time to catch our breath after one snow before another one came along. Altogether more than 36 inches of snow and .57 inches of rain were received during the month. The 24 inches of snow received on the 11th. is the heaviest snowfall recorded since weather records have been kept at the Monument. Following the heavy snow temperatures went to 15 degrees below zero and after four days warmed up to -4 below.

Special Activities

The Custodian left for southern New Mexico on the 27th. to interview applicants, for the vacant clerical position, at Albuquerque and Artesia. A stop was made at Carlsbad Caverns National Park enroute.

Inspections

Chief of Development Vint with Associate Regional Director Patraw, and Architects Cornell and Carter made an inspection of the tentatively proposed changes in the approach road on the 22nd. They also looked over the PCP priority list and discussed the need for some additional proposals.

Status of Private Lands

Negotiations were started for the acquisition of a small tract of private land in the Otowi section of the Monument by donation from the Atomic Energy Commission.

Roads and Trails

The heavy snows followed by thaws made a mess of the approach road and kept it virtually impassable except with chains for most of the month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 1, 1944

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of February, 1944.

Weather

The weather was practically mamed in all of this month and we did not have time to enter our trails after one storm before another came along. Although there fell 36 inches of snow and .97 inches of rain were received during the month. The 21 inches of snow received on the 11th, is the heaviest snowfall recorded since weather records have been kept at this Monument. Following the heavy snow temperatures sank to 13 degrees below zero and after four days warmed up to -4 below.

Special Activities

The Commission left for southern New Mexico on the 23rd. to interview applicants for the vacant clerical position at Albuquerque and Grants. A stop was made at Carlsbad Caverns National Park enroute.

Inspections

Chief of Development Vint with Associate Regional Director Jaynes, and Frederick Cornell and Carter made an inspection of the tentatively proposed changes in the approach road on the 15th. They also looked over the P.W. priority list and discussed the need for some additional projects.

Cases of Private Lands

Negotiations were started for the acquisition of a small tract of private land in the Quad section of the Monument by donation from the Atomic Energy Commission.

Roads and Trails

The heavy snows followed by thaws made a mess of the approach road and it is virtually impassable except with chains for most of the month.

Bandelier National Monument

The small tricycle grader was not quite up to clearing the ditches or pushing the snow off of the road. The heavy road patrol grader was received on the 24th. but was not in operating condition and will not be so until it has had an overhauling. It is expected that this much needed piece of equipment will be ready for use before the heavy travel season so that the approach road can be placed in good condition.

Received also during the month was an asphalt heater for road patching that will be put in use as soon as weather permits.

Approaches to Monument Area

The State is progressing with the erection of the steel framework of the Otowi bridge and prospects are good for its early completion.

Interpretation

As there were practically no visitors to the area this month the contacts dropped to the lowest for some time. Only 17 parties were guided through the ruins.

Museum Activities and Exhibits

Artist Pablita Velarde Hardin has been working on the completion of the Pueblo government case for the ethnology room of the museum and practically all of the paintings are finished except for those that are to be put on the glass front of the case. Work was started on paintings for the cases on Pueblo religion and seasonal ceremonies.

Travel

Travel was 80% lower this month than that of February last year and only 121 persons came to the Monument. This was due almost entirely to bad roads and cold weather. There were twelve days on which no one visited the Monument and several days on which only one or two cars would get through. This contrasted quite sharply with the fifty percent increase in travel during January.

Visitors

Mr. and Mrs. D. Lynds Blount, Paris, France were visitors to the area on the 8th.

Stabilization

Some work was accomplished during the month on the completion of room sheets for work done on the community house. Bad weather prevented any out side work on the ruins.

(SGD) FRED W. BINNEWIES

Fred W. Binnewies
Custodian

CANYON DE CHELLY NATIONAL MONUMENT
Chinle, Arizona

February 26, 1948

MEMORANDUM for the Regional Director, Region three.

The following is a report of activities at Canyon de Chelly National Monument during February, 1948.

Weather Conditions

The cold wave peevalent thruought the southwest during the early part of the month did not bypass Canyon de Chelly, and we have had thus far the coldest and wettest February in a number of years with the accompanying mud.

Our lowest temperature occurred onFebruary 12, when it registered a -13 degrees and is the lowest registered during my five years as custodian. For five days the maximum temperature did not rise above freezing. Our highest Maximum temperature was 67 degrees on February 21. Moisture has measured .91 inches.

Administration

Patrol trips were taken in both Canyons via Horse. Water is very high for this time of year. Two trips were made to Gallup, New Mexico, one on Febuary 7, and one on Febuary 20. These trips were made for supplies and care and repair of equipment. Considerable time was spent in getting office work and correspondence to date.

Maintenance

Due to wet weather considerable maintainance work was done on the road. Holes were filled and the road was drug to White house during the short period when they were dry enough to work. The pump engine was again worked over. Small repair jobs and redecoration of the Custodians Quarters have been carried on.

On February 20, while taking the Dodge 4x2 USI-31791 into gallup to get a new gas tank installed, The right front spindle of the wheel broke and the wheel came off. Luckily I was driving slowly or it might otherwise have been serious. The Dodge was taken to the Navajo Chevrolet Co. for repair And I returned to Canyon de Chelly with friends.

Publicity

Dr. Earl Morris forwarded me a copy of the February issue of NATURAL HISTORY magazine for February which carries a fine article titled "The Tomb of the Weaver" written by Dr. Morris, and is the story of one of his finds in Canyon del Muerto near Antelope house.

STATE OF IDAHO NATIONAL MONUMENT
Idaho, Idaho

February 22, 1942

Director for the Regional Director, Region three.

The following is a report of activities at Craters of the Moon National Monument during February, 1942.

Weather Conditions

The cold wave prevalent throughout the southwest during the early part of the month did not bypass Craters of the Moon, and we have had time for the coldest and warmest February in a number of years with the accompanying mud.

The lowest temperature occurred February 10, when it registered a -21 degrees and is the lowest registered during my five years as superintendent. For five days the maximum temperature did not rise above freezing. The highest maximum temperature was 37 degrees on February 23. Moisture has measured .71 inches.

Administration

Federal Judge were taken in from Lincoln via Jerome. Water is very high for this time of year. Two trips were made to Hailey, the twelfth, one on February 7, and one on February 20. These trips were made for supplies and mail and repair of equipment. Considerable time was spent in getting office work and correspondence to date.

Maintenance

The bi-weekly weather conditions maintenance work was done on the road. Holes were filled and the road was dug to White Knob during the short period when they were dry enough to work. The pump engine was again worked over. Small repair jobs and replacements of the Overhead warehouse have been carried on.

On February 20, while taking the Dodge and TWO-FIVE into Hailey to put a new gas back installed, the right front spindle of the wheel broke and the wheel came off. Luckily I was driving slowly or it might otherwise have been serious. The Dodge was taken to the Harris Chevrolet Co. for repair and I returned to Craters of the Moon with friends.

Visitors

Dr. Carl Darvis forwarded me a copy of the February issue of NATIONAL LIFTOFF magazine for February which carried a fine article titled "The Lord of the Lavas" written by Dr. Darvis, and is the story of one of his flights in Craters del Luvero near Antelope Dome.

Travel

Two cars of bona fide visitors braved the long muddy drive to Canyon de Chelly and one car of local visitors. Our total of nine visitors fell far below that of previous years but I believe that it was due to road conditions.

General

The Custodian has had the pleasure of being host to Mr. and Mrs. Cecil Hanner of Mesa Verde National Park. They were married in Farmington, New Mexico on February 21. Mrs. Hanner is the former Catherine Dean of Mancos, and is a sister of Mrs. H. Nelson of Mesa Verde National Park, and of my wife. We were sorry that we could not offer them better weather for their honeymoon.

Government Publications

2-fold leaflets.....	1702
Glimpses of N.P.....	20
Map folders.....	120
Mimeographed leaflets,CDC.	400
Map folders No. 6.....	300

Meredith M. Guillet
Custodian

Travel

Two more of those fine windows toward the long sunny drive to Canyon de Chelly and one car of local windows. Our total of nine windows fell far below that of previous years but I believe that it was due to road conditions.

General

The Navajo has had the pleasure of being host to Mr. and Mrs. Gwell Farmer of Zuni Trade National Bank. They were married in Farmington, New Mexico on February 23. Mrs. Farmer is the former Katherine Guy of Lenox, and is a sister of Mrs. E. Nelson of Zuni Trade National Bank, and of my wife. We were sorry that we could not offer them better weather for their honeymoon.

Government Publications

E-Cole Smelts.....100
Illness of Mr.....20
Dry Fishers.....200
Blanketing Lattes.....400
Dry Fishers Mrs. G.....200

Harold R. Bullis
Instructor

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~

Capulin New Mexico,
February, 25, 1948,

Memorandum for the Regional Director
Region Three National Park Service
Santa Fe New Mexico.

There follows a report of the activities in and around Capulin Mountain National Monument for the month of February 1948,

Approximately seventy five visitors to the old Volcano this month bringing all visitors travel year to date to fifty two hundred fifty and those of the fiscal year to date to twenty four thousand seven hundred fifty,

It was planned to have the state place gravel on the entrance road from Highway sixty four to our boundary line this month but the deep snows have prevented the beginning of the work, It is hoped to have this done during March.

Again this month the porcupines have been doing damage to the pinon trees in the monument, strict search has been made in and about the timber but so far not one has been located. The snow has been so deep that going is almost impossible,

Weather has been the chief topic of the winter but no one here has been able to get the weather man to do anything about it, He merely lets one know what may and then tells us about it. almost four month of solid snow covering the ground this is the longest spell of snow covered ground this country has record of, Today it is raining on top of about six inches of snow but does not seem to melt the snow.

Roads on the monument remain closed for the upper half, and at this writing there is about five feet on the road along the upper half of the Mountain, There has been no cars to the top this month, they are only go half way, At this point there is an extra wide place where one can turn around nicely,

Very Respectfully,
Lester J, Farr
Custodian,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

February 25, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for February, 1948.

General: Everything hits at once it seems. Record visitor attendance, stabilization crews with the resulting bookkeeping, request for wage board schedules, and a request for an inventory, are just a few of the things hit during this report period. We tried hard to keep up and feel that we about held our own.

Weather: Variations from a minimum of 19 degrees above to a maximum of 83 were registered during the month..45 inches of rain was measured in the rain gauge. Compared to other years the month was about average in this respect.

Visitors: February 1948 - 5800: February 1947 - 5517: Travel year to date-1948 - 20,420: Travel year to date 1947 - 17,889. All the records since the charge was put into effect went by the boards for the second consecutive month, Revenue from ticket sales amounted to $ 1095.00 with 3650 tickets sold. The biggest day ever recorded, with 453 visitors checked in was February 1. Also the biggest single party, 97 people, was taken through the Ruin.

Interpretive Services: Of the 5800 visitors to the area, 4357 made the Ruins trip in 242 groups, averaging 51 minutes per trip. 4115 made the museum trip in 206 groups averaging 30 minutes per trip. 1443 people visited the area for a quick look but did not make the Ruins trip.

Maintenance: With the exception of the porch, painting was completed on the inside of Quarters 2-4. The sewer field was regraded, leveled, and the weeds removed, so there would be a uniform runoff.

Ruins Stabilization: Archeologist Steen arrived on the Monument Feb. 11, to start the Ruins Stabilization. He lined up a crew of 8 men, and except for an occasional resignation has been keeping them busy. To date the North building drainage ditches have been dug, and gravel and paper place in the ditches. The walls have been cleaned and all refuse removed from the compound, Capping and patching of the walls with caliche has been started.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Administration & Protection: A trip was made to the Adamsville Site with Archeologist Steen, checking over the area for vandalism. A well driller was contacted and from information he gave us, it seems that we will have to lower the sucker rod depth on our well, before irrigation starts, or we will soon be pumping air. G. Fitzpatrick, successful bidder on Invitation # 33-43 for Chevrolet Stake Truck and the Ford with the homemade semi-trailer, removed them from the monument on February 4 & 6.

Trips Taken: February 4 & 5, Mechanic Stonehocker was on a trip to Saguaro National Monument, repairing and bringing in equipment. Feb. 16, he made a trip to Phoenix to pick up repair parts.

M.S. Visitors and Visitors of Note: On January 26, Mr. Allen of the Weather Bureau Office, in Los Angeles, was in to check over our rain recording gauge and weather equipment. February 9, Custodian Supernaugh and Ranger Bean of Organ Pipe Cactus, were in to pick up some O.P.C equipment.

Mechanics Activities: General repairs were made to the following equipment:

Area from.	Equipment.
Casa Grande Nat. Mon.	Chevrolet Pickup
Saguaro	Chevrolet Pickup Light Plants
Organ Pipe Cactus	Ford Pickup Road Grader.

Personnel: The Archeologist P-1 Position was filled by Dan Davis. He and his wife Joan arrived on the monument February 1, with Mr. Davis reporting for duty on the third.

Leaves Taken: Mechanic Stonehocker took one day of sick leave on the 9.

A. T. Bicknell,
Custodian.

[illegible]

[illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

February 25, 1948

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of February, 1948.

Chaco Canyon, this month, had twenty-one visitors, from the states of:- Arizona - 1 car, 3 visitors; Colorado - 1 car, 2 visitors; New Mexico - 5 cars, 13 visitors and Pennsylvania - 1 car, 3 visitors. These people formed six ruins trip parties and five museum parties. The custodian spent nine hours and fifteen minutes with them.

As was October, November and December, this month was unusually cold. The coldest was 16 degrees below Fahrenheit zero on the 29th of January, and the warmest was 62 degrees on the 18th of February. There were four nights of sub-zero weather. There was rain or snow on eight different occasions, which totaled 1.14 inches of moisture.

The State approach road to the north was bladed in the early part of the month as was the Monument road. However, the spring thaw plus the moisture this month has made a quagmire of them. Recently, it took one of the men 5 hours to go to the highway and return. He was not stuck at any time. We have had gasoline ordered for the greater part of the month, but we can not get delivery, and from the way it is snow-raining now, we don't know when we will get delivery. Nevertheless, everyone in the canyon is taking his turn at bat for the roads. Mr. Whiteman, of the Trading Post, is getting the greatest number of hits. Besides attending meetings, and plaguing the Chambers of Commerce, we had a top of column, front page article about the condition of the Chaco roads in the Farmington paper. We are hoping for better road conditions in the future.

A number os small jobs were completed this month. Some of our signs were painted, some oiled. Doors were repaired and rescreened. The exterior of the office was painted during an interim of the bad weather.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

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_____, 19__

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_____ for the National Geographic, Gaylord Donnelly.
National Park Service.

Thank fellows the project of exploring in Shaw Jackson Hole
Geographic for the month of February, 1949.

Shaw Jackson, this month, and twenty-one visitors, that the state of-
ficials - 1,847, 3 statutory officers - 3 and, 2 visitors; new employees - 2 seas,
18 visitors and temporaries - 1 and, 2 visitors. These people cleared six miles
dry ponds and the moment letters. The snowplow crew have been not fitted
window with them.

At the Center, Brandon and Donnelly, this month are temporarily said. The
visitors use 12 matches below Yellowstone been in the site of January, and the
measure was 62 hours on the date of January. Then were four nights of ab-
sence months. There was only or down on eight different personnel, most intake
12.5 inches of moisture.

The Cross equipment road in the South was right in the early part of the
month as the Alumnus road. However, the School Club plan the holiday this
month has made a tremendous of loss. Generally, it was one of the was 2 hours to
go to the highway and parking. It was not stuck at any time. The Park Ad
ministration thanked for the greater part of the month, but we not not put Saturday,
and into the way it is snow-shoeing now, we didn't know what we will get Saturday.
Superintendent, employee in the School in helping for have of bed in the trucks.
Jay. Johnson, of the Trading Post, is a little the greatest number of visits. Selling
attracting weather, and plugging the Museum of Concern, we had a fun of
visitors. Trout pole utility where the conditions of the Cross roads in the Superintendent
paper. In are helping for better road conditions on his Ranch.

A member in week, Park were conditions this month. One of her eight been
gained, some edit. During many fugitive and prisoners. The minister of the
Elder was jailed during an hospital of the bad weather.

Gate latches were made in our own blacksmith shop, and hinges ordered from a commercial blacksmith shop for our gates. When they are installed, we expect a decrease in the traspassing problem.

The plumbing shop was cleaned and the tools greased. The tools, shovels and others, were cleaned and sharpened for the spring work. The warehouse, oil house and the like were cleaned.

Inventory was taken this month.

The usual routine duties were performed which included aiding persons in stalled and stuck cars.

The Trader reports that though he has received more rugs this month than last, and his total sales stand up well, he has not done as much cash business, and that he is consistently drawing customers from farther and farther away. In preparation for the summer months, he has painted the woodwork in the curio room, and is making arrangements for an entirely new set of picture packets fore sale.

Projects for the ensuing months:- The planting project should be well under way this next month. If the weather ever clears up (we have had four consecutive weeks of inclement weather), we expect to continue repairing the roads, continue with the painting job, initiate repairs on the residence, connect the new water tank and generally get ready for the travel season.

At the endof the month, there were on hand:-

Two-fold leaflets describing Chaco Canyon National Monument, approximately...7440

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

Bills letters very much in our Elementary Shop, and things related from a commercial Elementary Shop for our gates. Once they are installed, we expect a decrease in the trespassing problem.

The loading ramp was cleaned and the tools repaired. The tools, shovels and rakes, were cleaned and sharpened for the spring work. The wheelbarrow, oil house and the lime were painted.

Inventory was taken this month.

The usual routine duties were performed with included minor repairs in general and minor work.

The Junior reports that there is no material improvement this month from last, and the total value stand at well. In the 3rd Zone as much work business, and but he is consistently drawing consumers from farmers and farmers markets. In preparation for the summer months, he has painted the structure in the Corte room, and is making arrangements for an entirely new set of picture posters this year.

Projects for the coming months: The planting project should be well under way this year. If the weather over winter allows up the Zone had four successive weeks of inclement weather, we expect to continue repairing the roads, building with the planting job, Entries reports on the residence, summer the the water tank and generally get ready for the travel season.

At the ranger the month. There were no issues.

The Lake Isabella Recreation Area Fire Protection Association, cooperating...This

There follows the report of Professional Lookout Fire.

Irving Rubin, Jr.
Ranger

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chaco Canyon National Monument
Bloomfield, New Mexico
February 26, 1948

19

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area for the month of February, 1948.

We had fully expected and planned to be back at work at Chetro Ketl by the end of this report period but rain, snow and the sloppy condition of the ruin have held us away.

Raymond Rixey returned overdue from leave on February 2nd. He had been caught with his family by the blizzard at Raton, New Mex. One trip was made to the Regional office to take delivery of a new dump truck.

The first two weeks of the report period saw the roads in passable shape and some 10 yards of concrete sand were hauled and stockpiled. The roads have been impassable the past two weeks and the two remaining Navajo have been laid off.

Most of the month has been spent on the stabilization manual. At present we are writing up some experiments conducted last winter on soil-cement.

Drawings were made of a number of the wood items recovered from room 93, Chetro Ketl and these loaned to Dr. Hill at the University for possible identification by several of his Pueblo students and informants. It is hoped that the drawings can be taken to Pueblos where Hill has contacts.

In this same connection one day was spent at the University checking references on ceremonial paraphernalia, altar set-ups etc. Several soil samples made up into cylinders were taken to Albuquerque for tests to determine what happens when soil mortar in ruin walls is baked by various electrical methods. The hope is that it might be possible to burn the clay to brick without discoloring it.

Ray Rixey has worked out a method for casting small concrete poles, lintels etc. He is now in production and is making them for use. He has also made waterproofing tests on porous stone and put in his spare time working on the wood material from room 93.

Gordon Vivian
Gordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chaco Canyon National Monument
Bloomfield, New Mexico
February 16, 1948

19

MEMORANDUM for the Superintendent,
Chaco Canyon National Monument.

There follows the report of mobile unit activities in your area for the month of February, 1948.

We had fully expected and planned to be back at work at Chaco Wash by the end of this report period but rain, snow and the sloppy condition of the ruin have held us away.

Lawrence Tixey returned overdue from leave on February 10. He had been caught with his family by the blizzard at Raton, New Mex. One trip was made to the Regional office to take delivery of a new dump truck.

The first two weeks of the report period saw the roads in passable shape and some 10 yards of concrete sand were hauled and stockpiled. The roads have been impassable the past two weeks and the two remaining travels have been laid off.

Most of the month has been spent on the stabilization manual. At present we are writing up some experiments conducted last winter on soil-cement.

Drawings were made of a number of the wood items recovered from room 92. Carrie Bell and these loaned to Dr. Hill at the University for possible identification by several of his Pueblo students and informants. It is hoped that the drawings can be taken to Pueblos where Hill has contacts.

In this same connection one day was spent at the University checking references on ceremonial paraphernalia, altar set-ups etc. Several soil samples made up into cylinders were taken to Albuquerque for tests to determine what kind of clay soil mortar in ruin walls is bound by various electrical methods. The idea is that it might be possible to burn the clay to brick without disintegrating it.

Lawrence Tixey has worked out a method for casting small concrete poles, Intals etc. He is now in production and is making them for use. He has also made water-proofing tests on porous stone and put in his spare time working on the wood material from room 92.

Gordon Vivian
Archeologist

Chaco Canyon - 3 -

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chiricahua NATIONAL MONUMENT

Dos Cabezos, Arizona,

February 25, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows a report of activities at Chiricahua National Monument for February.

General. The Custodian took two days annual leave during the month. Operator Marble returned to work on February 16 having recuperated from an operation performed last month. One day annual leave was taken by Ranger Ringenbach.

One official trip was made into Willcox to pick up propane and kerosene.

Monument signs and markers were repainted, rest room and shower room plumbing repaired and general cleanup in campground and utility areas was accomplished during the month.

Weather. Two and two-hundredths inches of rainfall were recorded for the period. Three inches of snow fell on the tenth at Headquarters, and Massai Pt. and higher elevations were blanketed with snow on the 25th. Temperature went to 6 degrees above, which was the coldest for a number of winters.

Roads and Trails. The road to Massai Pt. was kept open all month though several trips with the dump truck were necessary to break track through the snow and pull out several cars which had slipped into the ditch.

The Custodian and Ranger made a horseback trip over the trail system to acquaint Ranger Ringenbach and to estimate work for the coming months.

Communications. Two trips into Portal were necessary to repair the telephone line. The road over the mountains to Rodeo is still closed and the shortest route to Portal is via Apache Pass, Bowie, and San Simon. This is a lot of miles to travel just to untangle two wires.

Radio contact with Saguaro and Organ Pipe Cactus was discontinued two weeks ago due to battery difficulties.

Approaches to Monument Area. Approach roads into the monument remain in fair condition in spite of the rainy weather. Several visitors did complain, however, of a bad stretch between Elfrida and the monument where the road is undergoing construction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Glacier NATIONAL MONUMENT

Joe Johnson, Ranger,

January 12 19 60

Superintendent
Glacier Park.

Here follows a report of activity at Chief Mountain Contact Station:

Weather. The Station was manned every morning during the month. Inclement weather caused us to be closed 14 times throughout the month. Snow on roads prevented patrol 4 days. The day guard leave was taken by Ranger Alexander.

The official trip was made into Waterton to pick up payroll and accounts.

Transient visitor and service people were pleasant, and were not annoyed from lingering tourist and general citizens as experienced in other areas and established during 59 years.

Weather. Two wet snowstorms totaling of inches of rain were recorded for the period. Three inches of snow fell on the Canadian at Chief Mountain, and instant 17, and slight elevations were blanketed with snow on the 19th. Temperature went to 6 degrees above, which was the coldest day's maximum of winter.

Roads and trails. The road is closed to the Lookout Trail. The Lookout Trail was partially cleared of snow and was passable to about three miles through the snow and fell out several times which had slipped into the river.

The Lookout and Boundary Trail, Lakeshore Trail over the Trail Ridge is accurate enough and to estimate work for the coming season.

Communications. The line from Babb to Chief Mountain is nearly in good condition. The road over the mountains to Babb is still closed and the telephone repeater station is in Glacier Park, Babb, and Chief. This is a lot of delay at times, but is minimize the wires.

Public service. Contacts of this kind are pleasant and interesting. Many are in for a variety difficulties.

Information on Canadian side. Lighted signs are into the general people in fair condition in view of the rainy weather. Several visitors are anxious, however, at a lot stress between Alberta and the Montana where the road is undergoing construction.

Interpretive Service. 1,679 visitors were contacted in the museu, the campground, and at Massai Point Orientation Station. Three auto caravan trips and one hiking party were conducted.

On January 29 the Custodian gave an hour illustrated talk at the Gadsden Hotel in Douglas to 150 persons and a thirty minute one at the Silver Spur Guest Ranch to 24 persons on the 8th of February.

Travel. One Keating bus tour from Douglas was made into the monument on the 13th, and 38 persons of the Tucson Chamber of Commerce Visitor Club visited on the 14th. Total travel for the month was 1,233 persons as compared to 781 for last month and 1,491 of a year ago.

Insect Infestation. Study of the flat head borer infestation in the Douglas Fir stands was completed and reported on.

Clair V. Cooke

Clair V. Cooke,
Custodian.

Interpretive service. 1,879 visitors were conducted in the museum, the congressional and at several point interpretation stations. Three well attended talks and one hiking party were conducted.

In January at the Dutchess pavo an hour illustrated talk at the Dutchess Hotel to Dowling to 130 persons and a thirty minute one at the silver-tour Sweet Bowl to 64 persons on the 8th of January.

Travel. The Keating bus tour from Dowling was held into the museum on the 12th, and 30 persons of the Tucson Chamber of Commerce Visitor Club visited on the 16th. Total travel for the month was 1,873 persons as compared to 721 for last month and 1,821 of a year ago.

Insect Infestation. Study of the flat head borer infestation in the Dowling fir stands was completed and reported on.

Clair V. Stein,
Director.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

FEBRUARY 25 48

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira National Monument for the Month of February, 1948.

General. Travel was practically at a stand still this month with only 15 cars, 13 of which were reentries. Of the two first entry cars, one had been stuck and slept out on the way here, waiting for the roads to freeze. The occupants of the second car were very unhappy over the road conditions.

Weather Conditions. This is the big topic for discussion this month. The first blizzard hit on January 27 with 5" on snow and -5° temperature. The power line and telephone line went down and roads were blocked until the 29th, which made for a nice quiet weekend. A rain with 4" of wet snow on Feb. 4 was followed by a second blizzard with 5" of snow and -6° on Feb. 11. More snow arrived today to finish up the month. Moisture for the report period totalled 1.63". This compares very favorably with .13" in February, 1947 and .03" in February, 1946. The bean farmers are beginning to dream of bumper crops.

Special Activities. On Feb. 24 I gave a talk accompanied by slides to the Gran Quivira grade school, covering Grand Canyon and the Indian country.

Maintenance. During the month the pit toliet was refurbished and given a coat of paint inside and out. It now compares very favorably with similar edifices in other areas.

New cupboard doors were built as needed in the kithhen.

High winds on Feb. 23 and 24 knocked out one window in the tool shed and kept the Custodian occupied tying down the roof which threatened to depart with every gust. Since the repair and rehabilitation program calls for a new roof this spring, the work should be greatly simplified. We can cut the wires and the old roof will be out of our way.

One day was spent in helping Mr. McGrady locate and repair the break in the telephone line caused by the storm of Jan. 27.

Repair and Rehabilitation. Plans drawn by Architect Saunders for remodeling the tool room to include a museum and rest rooms were received. When completed Gran Quivira will have a very satisfactory interim set up.

Approaches to Monument Area. Roads to the area have been alternately very bad or impassable throughout the period and are still in that condition. State maintenance is much like the opening days of World War II "too little and too late."

The 1.63" of moisture with freezing and thawing proved too much for the Monument's 3/4 mile of entrance road and the thin gravel coat broke through for practically the whole length. Resultant ruts were too deep to negotiate for several days. However the homemade drag has it back in fair shape now. When the truck is received from Arches, I have made arrangements with the U.S. Forest Service to secure "patching" gravel from the Forest and by next winter should have it back in good shape. The drag is too heavy for the old Ford, hence I will need a new clutch on my next trip to town.

A culvert was received and installed at the cattle guard during the month.

Interpretive Service. 11 parties, 38 people were conducted through the ruins. Average trip time, 37 minutes.

Increase or Decrease in Travel. A big decrease this month due to bad roads.

	CARS	VISITORS
February, 1948	15	38
February, 1947	45	162
Decrease	30	124
Percent Decrease	66.66	76.54
This travel year	144	408
Last travel year	155	552
Decrease	11	144
Percent Decrease	7.09	26.08

In compliance with FC 601. Gran Quivira 2-fold leaflets on hand - 5340.

WLB

William L. Bowen,
Custodian

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

February 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for February, 1948.

WEATHER. Terrible, simply terrible! Much has been heard about winters in the San Luis Valley - its true and even more so.

A minimum of 31 below zero was registered on January 28, with Alamosa making headlines with a reading of 50 below zero. The mercury thermometer broke at 46 below and an alcohol thermometer was substituted. Life magazine of February 9 also gave Alamosa more publicity.

There were twenty nights during this report period that registered below zero and I mean way below. This leaves only eleven nights with readings above zero, and the highest reading was 28 above on February 20.

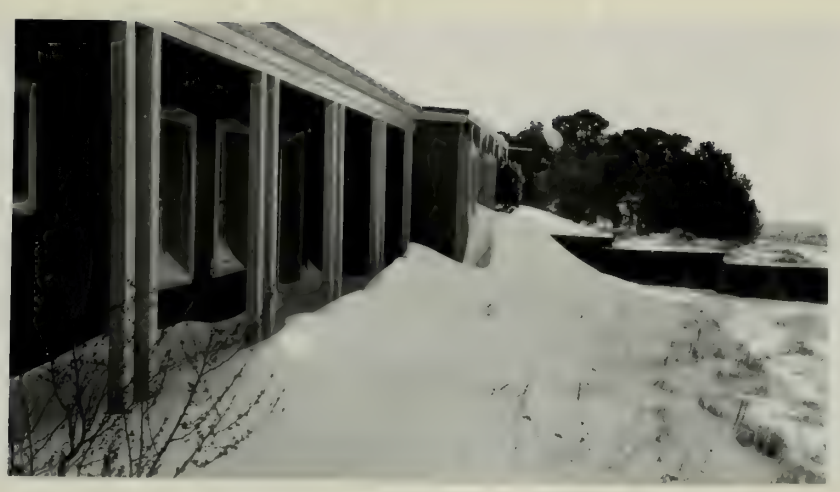
The maximum of fifty-six was registered on February 20. There were thirteen days with readings above thirty-two degrees, and eighteen days with readings below freezing.

Snow fell on January 26,27,28,29,30 and 31; February 1,5,7,10,11, 12,19,22,23,24 and 25. An estimated snowfall of twelve inches fell during this report period.

There were nine cloudy days, eighteen partly cloudy and only four clear days.

The three big storms occurred on January 26 and 27; February 10 and 11; and February 22 and 23. These came from the northeast with terrific winds averaging forty miles per hour. The first storm lasted thirty hours; the second for twenty-four hours and the third only fifteen hours.

The wind caused the snow to drift in front of the residence (see pictures) and on the monument road and the approach road. Drifts averaged from four feet at the monument, to seven feet out in the valley floor.



Snow drifts in front of custodian's
residence at Great Sand Dunes

The State Highway snow plow opened the approach road on January 29, February 10 and 15. At present writing the monument road is in excellent condition, but the approach road is muddy and with one bad stretch due to melting snow and no drainage at this one wet spot.

During these storms, the wind blew out the flame in the oil stove which is in the hall. Luckily it did not affect the oil stove in the basement, and by keeping a roaring fire in the living room fireplace, the temperature managed to remain about fifty in the house. Needless to say, we spent our waking hours huddled about the kitchen coal range. The draft control on the hall stove was moved in an attempt to keep the fire going; if another wind storm blows out the flame, a new draft control will be installed.

Snow was blown thru all windows in the residence and newspaper was placed between glass and venetian blinds. Masking tape now replaces paper. It is hoped that the attached pictures show justification for installing storm windows and doors at this area. The wind truely blows, or how else would we have the sand dunes?

On January 29, the water pressure dropped to nearly nothing and our worst fears were true - the water line had again frozen. Its little consolation to report that it isn't the main line of 2800 feet which I had attempted to cover. This time it is the buried pipe between the settling tank and the storage tank. If blue print specifications for a five thousand gallon tank had been built instead of the present tank, which only holds a little over sixteen hundred gallons, we might have had enough water to last until the spring thaw.

Water is now being hauled from Mosca, Colorado in a fifty-five gallon barrel, as it is impossible to obtain water either from Mosca Spring or Mosca Creek due to snow and ice.

TRAVEL. Thirty-five visitors in fourteen cars, visited the Sand Dunes during this report period. Only the State of Colorado was represented. No one was able to drive down to the lower picnic area, because of snow clogged road.

DECREASE IN TRAVEL. Bad weather and bad roads caused the decrease. January, 1947, travel figures show 72 cars and 236 visitors.

ROADS. Monument road to headquarters is in excellent condition; road to lower picnic area in poor condition due to snow. The approach road is bad in stretches due to melting snow drifts.

The State Highway snow plow opened the approach road on January 29, February 10 and 18. At present writing the monument road is in excellent condition, but the approach road is muddy and with one bad stretch due to melting snow and no drainage at this one wet spot.

During these storms, the wind blew out the flame in the oil stove which is in the hall. Luckily it did not affect the oil stove in the basement, and by keeping a roaring fire in the living room fireplace, the temperature managed to remain about fifty in the house. Needless to say, we spent our waking hours huddled about the kitchen coal range. The draft control on the hall stove was moved in an attempt to keep the fire going; if another wind storm blows out the flame, a new draft control will be installed.

Snow was blown thru all windows in the residence and newspaper was placed between glass and venetian blinds. Heavier type now replaces paper. It is hoped that the attached pictures show justification for installing storm windows and doors at this area. The wind truly blows, or how else would we have the sand dunes!

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Water is now being hauled from Moore, Colorado in a fifty-five gallon barrel, as it is impossible to obtain water either from Moore Spring or Moore Creek due to snow and ice.

VISITORS. Thirty-five visitors in fourteen cars, visited the Great Dunes during this report period. Only the State of Colorado was represented. No one was able to drive down to the lower picnic area, because of snow clogged road.

MAINTENANCE IN GENERAL. Bad weather and bad roads caused the decrease. January, 1947, travel figures show 73 cars and 222 visitors.

MISC. Monument road to headquarters is in excellent condition; road to lower picnic area is in poor condition due to snow. The approach road is bad in stretches due to melting snow drifts.

WILDLIFE. Deer were driven down to areas around headquarters where they were able to feed. Three herds were seen and there were about twenty-five in each group. Five frozen chickadees were found at the back door. Snow drifts along the back patio wall made it possible for the rabbits to enter the yard and feed with the birds.

ACTIVITIES. The entire report period was spent in shoveling snow, hauling water, fuel oil, wood, coal, ashes and garbage.

The windows were sealed with strips of masking tape. The draft control was changed on the hall stove.

The usual office work kept current. The Superintendent's Monthly Narrative Report for August-September, 1947, Region One; August-September, 1947, Region Two and Four; and October-November, 1947, Region Two and Four were received and read with interest.

The Heide Garage at Mosca was awarded the contract for automotive repairs.

PUBLICATIONS. There are on hand, 1688 mimeographed informational leaflets.

Ted C. Sowers,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

February 24, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of February, 1948.

Visitors this month - 1464 to the Castle and the Well; travel year to date - 6706. Visitors to the Castle were 302 less than the 1417 counted in February, 1947. Considerable cold stormy weather with snow at higher elevations probably accounts for most of this drop. Nevertheless we had three and one-half times as many visitors as the 318 counted in February, 1941.

Weather We have received .87 inches of moisture since last report with a few traces of snow. The minimum temperature was 8° above zero on February 12 and the maximum was 78° on February 21.

Administration Our annual inventory was completed and Board of Survey Reports prepared.

Photographs taken annually to check on re-vegetation of the protected area across from the Castle were taken. A report will be submitted as soon as these are processed.

Hastings was on duty Sunday, February 22, and noone was on duty at the Well.

A contract to complete repair of the quarters at Montezuma Well and install a septic system was awarded to E. Broughton of Cottonwood. Repair of the museum is included.

All the tillable land at Montezuma Well under lease by the Montezuma Dairy has been seeded to oats.

Maintenance and Improvements Our "No Cat and Dog" sign is attached to a false post which looks so secure that visitors jump onto it and get a bad fall. The support for this was altered to make it more secure.

The larger bedroom and the livingroom at Residence No. 2 were redecorated.

Our soda and acid fire extinguishers were discharged and refilled.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone Park, National Monument
Gray Terrace, Idaho

February 15, 1939.

MEMORANDUM for the Assistant Director, Julian Dorr.

There follows the monthly report of activities at Yellowstone Park National Monument for the month of February, 1939.

Visitors this month - 1,414 by the Gardiner and the Cody, Wyoming gates as date - 8,908. Visitors to the Cascade were not taken from the visit monthly in February, 1937. Comparative data starting another with some at higher elevations probably accounts for most of this drop. Expenditures and we but times and non-visit times as only visitors at the 222 overnight in February, 1941.

Weather: We have injured .07 inches of moisture since last report with a few flurries of snow. The minimum temperature was 8 below zero on February 11 and the maximum was 72° on February 21.

Maintenance: Our annual inventory was completed and boxes of forms inventoried.

Photographs being currently in demand on re-vegetation if the proposed area adjacent from the Cascade were taken. A report will be submitted as soon as these are processed.

Parking was on duty Sunday, February 21, and course was on duty at the Cascade.

A contract to complete repair of the quarters at Lewiston Hall and install a septic system was awarded to C. Douglas of Lewiston. Repair of the museum is finished.

All the utility land at Yellowstone Hall under lease by the Yellowstone Dairy has been sorted to date.

Enforcement and Protection: One "Do not and Not" sign is allowed to a view from which Judge to ensure that visitors jump onto it and get a bad fall. The support for this was altered to make it more secure.

The Lower Yellowstone and the Livingston at Yellowstone Co. 2 were re-inventoried.

Our ends are only five antelopes were discovered and refilled.

The entrance gate was repaired and our general information sign returned to its original base. This sign was removed from its heavy log base when our entrance road was altered and it has since been resting on a temporary base.

Pick-up I-13852 was taken to Prescott for alignment of the front end.

Exterior wood work at the restrooms and all wooden signs in the area of visitor use were given a coat of raw linseed oil.

The residence at Montezuma Well is being made ready for a paint job and improvements of yard and ditches continue. A propane system was installed by the Verde Valley Butane Company.

A new visitor register stand was constructed according to drawing Mont. 2028. It still is in need of staining and weatherproofing and a cement base.

A new wooden sign pointing the direction to Montezuma Castle was placed at McGuireville.

National Park Service Visitors Ranger and Mrs. Jim Orr from Lava Beds National Monument were here January 24.

Assistant Regional Director Davis and Chief Clerk Gastellum were here January 29 to discuss administrative problems.

Mr. and Mrs. Lon Garrison and two children and Mr. and Mrs. Hub Chase were here from Grand Canyon on February 22.

Personnel Ranger Leding was on sick leave January 21 through the 25th. Mrs. Leding and their daughter were also sick. Leding was on annual leave a half day on February 14 and all of February 15, 18, and 21.

Archaeologist Schroeder was on annual leave January 30 to look after his sick family ill with a cold.

Publications Sales Receipts on the "Serve Yourself" plan have been showing a considerable shortage which is greater on week ends. On Saturday, February 21, while Archaeologist Schroeder was in the Castle with a party our change box was relieved of about $2.40.

The last copy of "A Visit to Montezuma Castle" by Earl Jackson was sold February 22. This leaves our Pinkley booklets the only information on the Castle offered for sale.

Museum Activities Ranger Leding completed cataloguing a collection of pottery and other artifacts donated to the monument by E. W. Richards of Camp Verde.

At Montezuma Well the project of making out catalogue cards for the archaeological specimens acquired with the property was completed with exception of a few restorable pottery vessels. Specimens numbered include 242.

The entrance gate was repaired and our general-information sign returned to its original base. This sign was removed from the barrp by Jack when our entrance road was altered and it has since been resting on a temporary base.

Pick-up 1-1933 was taken to Pressey for alignment of the front end.

Laborer road work at the restroom and all needed signs in the area of visitor use were given a coat of new linseed oil.

The residence at Dodgeman Hall is being made ready for a paint job and improvements of roof and gutter repairs. A propane system has been installed by the Park Utility Service Company.

A new visitor restroom about was constructed according to Grady Bond. [illegible] It will be in need of electric and [illegible] but a sewer base.

A new sewer line building the director in Dodgeman Hall was placed at Bartlesville.

National Park Service Director Hartzog and Mrs. Jim Orr from Lake Park National Seashore were here [illegible] 24.

Assistant Regional Director Davis and Chief Clark Hawkins were here January 26 to discuss administrative problems.

Mr. and Mrs. Sam Hawkins and the children and Dr. and Mrs. [illegible] Chase were home from Grand Canyon on January 28.

Personnel: Harper Indian was on sick leave January 21 through the 23rd. Mrs. Indian and their daughter were also sick. Indian was on annual leave a half day on January 24 and all of February 14, 18, and 21.

Ingebretsen Interpreter was on annual leave January 20 to 1st after his sick family 121 with a week.

Participation Data: Campfire on the Waters (special) plus have been showing a [illegible] film-tape which is greatly in need of [illegible]. In January, February 21, while Ingebretsen Interpreter was in the Davis with a party our Ranger Jay was relieved at about 21:00.

The last copy of "A Visit to Dodgeman Ranch" by Carl Jackson was sold February 26. This leaves our Ranger Daniels the only interpretive in the Park offered for sale.

Special Activities: Harper Indian completed organizing a collection of pottery and other artifacts donated to the museum by Mrs. [illegible] of Gary Texas.

At Dodgeman Hall the project of [illegible] and [illegible] for the archaeological questions supplied with the jewelry was completed with analysis of a few [illegible] pottery [illegible]. Questions received include 242.

All specimens have been removed to one of the locked adobe cabins pending repair of the museum.

Work began on a rough draft for a proposed museum display at the Well for an unattended museum. During seasons of heavy travel it is anticipated the man on duty will be busy with visitors at the Well most of the time.

Archaeology In the course of renovating the fields leased by the Montezuma Dairy , a portion of an Indian ditch, similar to that by the museum, but smaller was revealed. The south end of the ditch is located 60 feet within the south edge of the fields near the shed and runs from northeast to southwest. About 20 feet of the ditch was evident, and about another 50 feet can be traced by the occasional showing of chunks of limestone. The top of the ditch was from 6 to 9 inches below the surface.

The pits in the burial grounds were mapped in order to have accurate locations in case some of them are to be backfilled.

Visitors There were 1115 visitors to Montezuma Castle who came in 291 cars and 349 visitors in 113 cars were counted in the 19 days a man was on duty at the Well.Tickets were sold to 283 visitors, 25 children used Complimentary Admission Tickets and 42 children were admitted free.

Contact Time Total contact hours at the Castle- 104.75; Hastings 55.75; Leding 38.50 and Schroeder 10.50. Seventy-seven trips were made through the Castle for 350 visitors and 419 visitors saw the museum in 96 groups. One hundred and fifty-nine visitors received information outside the ruins or museum.

H omer F. Hastings,
Custodian.

All questions have been referred to one of the Junior clubs subject pending reply of the Council.

There began on a rainy night for a proposed Jubilee Glider at the Hill-for an unwanted season. During seasons of heavy travel it is anticipated the men on duty will be busy with visitors or the Hill but of the view.

Introducing: In the course of reconstructing the Fields leased by the Gunbarrow Valley, a portion of an Italian glider, similar in size to the Cossack, but smaller was revealed. The south end of the glider is located 60 feet within the south edge of the fields near the Ham and runs from the southeast to northwest. About 80 feet of the glider was uplifted, all about landing 50 feet on to travel by the prevailing slowly of showers of thunders. The top of the glider was from 2 to 3 inches below the surface.

The pile in the middle probably were mapped in order to have prepared locations in case some of them are to be installed.

Visitors: There were 1111 visitors to Gunbarrow during the year in 371 cars and 441 visitors to 120 cars were counted in the 13 days a week are on duty at the hill.Tickets were sold to 309 visitors, 31 soldiers were complimentary Education tickets and 24 children were admitted free.

Gunbarrow Time: Total number hours on the Gunbarrow 324.75; Training 12.75; Ladies 19.50 and Foreman 13.50. Twenty-seven pilots were sent through the Daily for 181 visitors and all visitors and the number is 22 groups. One hundred and fifty-nine visitors received information outside the Valley of Gunbarrow.

A. Ham F. Jenkins,
Secretary.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

Feb. 25, 1948

MEMORANDUM for the Director, Region Three

There follows a report of activities in this area for the month of February 1948.

WEATHER: On two occasions the snow depth has reached 7 inches. Maximum temperature was 53 degrees on the 18th. Minimum temperature 3 degrees below zero on the 12th. Precipitation 1.50 inches. The snow has melted so rapidly that small gully washers arose. While at the pumphouse on the 19th it was estimated that the stream flowing off the bare rocks and passing the pumphouse was 30 times greater that the stream we were pumping.

VISITORS: 5 visitors arrived at this area, all with purposes other than ruin trips.

ROADS: Passable only by cars wearing chains. Deep ruts and mud have made the roads difficult. The snow depth has also impeded travel.

PROGRESS REPORT: Some progress has been made in each of the following: Additional road signs were layed-out, routed, painted, mounted on posts but as yet not installed. Road repair as needed to keep the road passable.

Because of the small size of the residence and the volume of our files it was imperative that something move out. We moved several wheel-barrels of files to the contact station. All files pertaining to the Naturalist Division are now in the contact station.

SPECIAL EVENT: On Feb. 22nd we attended the formal opening of the Guest Ranch at Kayenta. (This is the old Wetherill Colville establishment, now under management of Bennett Hyde).

J.W. Brewer, Jr.,
Custodian

[redacted]

[redacted]

[redacted]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 38, Ajo, Arizona

February 25, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of February, 1948.

WEATHER

A new record minimum temperature for Organ Pipe of 18 degrees above zero was twice reached during the month on January 29 and Friday, February 13. Weather for the entire month was below normal in temperature, although a maximum temperature of 85 degrees was recorded on February 17. Travel increased as a result of the cold waves, though, as visitors came our way to escape the even colder weather to the north. 0.12 inches of precipitation fell during the month.

TRAVEL

The total travel this month of 8369 visitors brought the total for the travel year to 38186. Campground use in increasing and we have real need now for some developed area. On February 22, 1025 persons crossed the international line. This is about average for weekend travel which gives some indication of the growing importance of this section.

GENERAL

Contact and interpretation was given all the time which could be spared from other work. Some time was spent to acquaint our new ranger with the area. One trip was made to Casa Grande to pick up the Ford pickup which Gene had overhauled and on to Phoenix to pick up supplies. The inventory was made of non and semi-expendable property and supplies.

REHABILITATION

The electric motor for operating the water pump was installed and put into operation. Work on installation of the tank for the water system was continued.

MAINTENANCE

Minor overhaul of both the 3 KW light plants to replace broken valve springs and to grind valves, work on the S & M Chevrolet pickup to put it

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____P. O. Box 41, Ajo, Arizona

February 22, 19__

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of February, 1948.

WEATHER

A new record minimum temperature for Organ Pipe of 12 degrees above zero was twice reached during the month on January 29 and 31st, February 1st. Weather for the entire month was below normal in temperature, although a maximum temperature of 80 degrees was reached on February 17. Travel increased as a result of the cold weather. Hardly, as visitors came out may to escape the very cooler weather in the north. 0.12 inches of precipitation fell during the month.

TRAVEL

The total travel this month of 2347 visitors brought the total for the travel year to 5216. Improved use is increasing and we have real need now for some developed area. In February 21, 1948 persons crossed the International line. This is about average for weekend travel which gives some indication of the growing importance of this area.

CONTACT

Contact and interpretation was given all the time which could be spared from other work. Some time was spent in acquiring air map footage with the area. One trip was made to Ajo Jewels to plan up the 1948 display which some had constructed and to be should to plan up exhibits. The Dormobey was made of map and informational property and exhibits.

MAINTENANCE

The electric motor for operating the water pump at Tacalon was put into operation. Work on installation of the tank for the water system was continued.

MAINTENANCE

Minor overhaul of both the 2 ton light plants to replace worn valve springs and to grind valves, work on the 1 & 2 generator plants to put it

Organ Pipe Cactus National Monument

in operating condition awaiting transfer orders from Region Three, continued work on the new residence, and routine odd jobs kept the maintenance man busy during the month. The patrol grader is now ready for us at Casa Grande.

ACCIDENTS

Another cow was killed along the highway just north of headquarters on the night of February 10. Speeding motorists traveling to and from Rocky Point, Mexico continue to find cows quite a traffic hazard.

WILDLIFE AND FLOWERS

Desert flowers are now starting with small poppy displays being most general now. The flower season has been held back by the cold weather but we anticipate a good flowering year. Some moisture still remains from the showers last November.

PROJECTS FOR COMING MONTH

General interpretation and office work will consume a great deal of time in March. We plan to start the revision of the master plan in connection with the anticipated visit of Mr. Vint and Region Three officials. The return of the patrol grader will enable the maintenance man to get at some badly needed road work.

William R. Supernaugh,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

February 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for the month of February, 1948.

WEATHER. Temperatures ranged from a low of 18 degrees on the 10th to a high of 80 on the 19th. Precipitation occurred on six days during the month, with two other days being overcast. Four nights brought temperatures below freezing. At the end of the month approximately 16 inches of snow is on the ground on top the Rincons.

SPECIAL ACTIVITIES. Ranger Wilde made a trip to Organ Pipe Cactus on February 18, to obtain sign material given us by Bill Supernaugh.

N.P.S. VISITORS. Charlie Steen was in on the 15th to borrow a back-pack pump for use in the stabilization work at Casa Grande.

MAINTENANCE. Due to the unfavorable weather, little was accomplished on the Madrona - Grass Shack trail; twenty man-days were spent on the tread and water drainage. The 4000-gallon water tank at Madrona was set on concrete bases, primed, painted, connected, and filled. Both of the horse drinking fountains in the Madrona Corral were replaced, the old ones having frozen and burst. The main water line at Madrona also froze, and several sections were replaced between tanks and the residence, and in the pump intake line. Both outdoor toilets at the Headquarters were moved from their old location behind the building to a point east of the parking area, repaired, painted, and reroofed. The Headquarters pump also froze, necessitating minor repairs which could not be accomplished until parts were finally located in Tucson. The new underground 550-gallon gasoline tank was set, and will be put into service as soon as present supplies of gasoline are used so that we may move the pump. The project of constructing and placing new signs within the monument area is complete; we intend now to begin making and setting directional road signs on approach roads.

The Monument Loop Road was dragged after four first and third rainy days, and is in fair condition. However, it cannot be put into first class shape until delivery of the long-awaited motor patrol.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone National Park
Yellowstone, Wyoming

January 24, 1940

Memorandum for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Yellowstone National Park for the month of January, 1940.

GENERAL. Temperatures ranged from a low of 32 degrees on the 12th to a high of 60 on the 15th. Precipitation occurred on six days during the month, with two minor days being overcast. Four nights brought temperatures below freezing. At the end of the month approximately 12 inches of snow lay on the ground on top the Mammoth.

PARKING ATTENDANTS. Harper Kirk made a trip to Cheyenne during the February 1st, to obtain some material given us by Bill Hagerman.

U.S.E.S. VISITORS. Charlie Thomas was in on the 25th to review a training plan for use in the administration work at Camp Roosevelt.

MAINTENANCE. Due to the unfavorable weather, little was accomplished on the Madison - Grand Canyon trail; nearly one-half were spent in the Yellowstone and water Canyons. The Administration water tank at Gardiner was set on concrete bases, primed, painted, cleaned, and filled. Work of the crews installing Frostkube in the Fishcake Corral were completed, the old case sorting frames and boards. The main water line at Fishcake Creek, and several sections were replaced between Bunsen and the reservoir, and in the pump house line. Work crews helped at the Campground were moved from their old location behind the building to a point east of the public area, repaired, painted, and recorded. The Campground pump plus Tower, necessitating minor repairs which will be accomplished until pump work "really finished in Spring. The new underground telephone trunk line was set, and will be put into service in nearly regular supplies of gasoline are used at that on our Lake the camp. The project of constructing and placing new place within the Mammoth area is completed; we intend now to begin making and setting directional road signs on approach roads.

The Bunsen Long Road was changed after four years and this order then, and is in fair condition. However, it seems to get into ruts which cause with history of the long-wheled motor patrol.

APPROACH ROADS. On February 2, the Pima County District Court ruled that the incorporation of the "Rincon Village" area east of Tucson was unconstitutional. With this ruling, it again becomes possible for the Pima County Highway Department to maintain the section of East Broadway beyond the end of the pavement. After two periods of heavy maintenance, each of nearly a week's work, this stretch is again in fair to good condition for the first time since last May. Thus, one of our worst problems has been solved, with a resultant increase in travel and a decided decrease in complaints.

TRAVEL AND INTERPRETIVE SERVICES. Again this month all previous vistor travel records were broken. A total of 3415 people, from 44 states, D.C., 3 provinces of Canada, England, and South America were counted; these visitors arrived in 1125 cars, 55 horses, two motorcycles, and three bycycles. This is an increase of 211 persons over January's record visitation, and an increase of 563 people, or 19.8%, over February, 1947.

Of the above total, 1639 persons, or 48%, were contacted at the Headquarters. This number, percentage, and the total contact time of 7380 minutes, or an average of 17.0 minutes for each of 435 parties, are likewise new records for this monument. It is believed that improved road conditions, considerable recent local publicity, and the greatly improved appearance of the Headquarters area are responsible for the increase in public informational service, since all our past reports show that only about one-third of the visitors stop at the office. The increased average time spent by most visitors is possible due to improvement of our still inadequate exhibits.

A new, experimental, interpretive device - the guided Auto Caravan - was begun on February 15. Now, that is, at Saguaro. In spite of other local activities on that day, 52 people turned out for the trip, which is scheduled for the hours from 2 to 5 P.M. each Sunday during the month, and will continue into March if public response warrants. We intended to begin these trips on the 8th, but inclement weather interfered. On the 22nd, although travel was heavy, not enough people arrived until too late to complete the trip. If successful this year, this activity may be continued on a larger scale next winter, personnel permitting.

EXHIBITS. Work on the new arboretum in the front yard of the Headquarters, is approximately 90% completed. Visitors comment frequently on both its appearance and on its interest. Similarly, frequent compliments are received on the photgraphic exhibit in the small multiplex on the front porch. This last has proved to be more of a job than we bargained for, as plans for its final content are enlarged weekly. Both color and black and white prints are being used, and we have now decided to include bird subjects, along with cacti, flowering plants, insects, and reptiles. This project, with anticipated revisions, will probably be a continuing and never-ending job, but well worth-while from an interpretative view.

SWM Association sales have been excellent, and may surpass those of last month, our previous record month.

UNITED STATES
DEPARTMENT OF THE INTERIOR

VANDALISM. Without having kept a record of individual instances, we believe this to be the worst travel season the present Custodian has ever seen in respect to instances of wilfull or thoughtless vandalism on the part of visitors, particularly adults. It has become necessary for one man to spend each Sunday afternoon patrolling the Loop Road, in a rather hopeless attempt to stop digging of cacti, smashing and removal of dead Saguaro skeletons, and cutting and initial-carving on trunks of living cacti. Three wood-haulers have been encountered, and relieved of their loads, in the past month. Fires built in impromptu fire-places along the Loop Road, are so frequent that patrols are made each Sunday evening, after five P.M., and often a second patrol after dark.

WATER SUPPLY. Beginning the last Friday in January, it was necessary to again haul water to the Madrona Ranger Station. All of the time of one man was spent on this work, until the creek began flowing again on February 10. A total of 6500 gallons was hauled in this period. At the present time all storage tanks are full, and the creek running in greater volume than it has had in the past 15 months.

PUBLIC HEALTH. No water supply sample was taken this month, as there was no water on February 1. The present storage, except in the new tank, is water from the Tucson supply, so no analysis was deemed necessary.

All but one of the monument employees at the Madrona Canyon area have been ill with colds during the month. Time taken off totaled four days.

REVERSE PROCEDURE. When a man bites a dog, it is always news. Upon the occasion of his visit to Saguaro, last week, Mr. John D. Rockefeller, Jr., expressed his regret that he did not have any book which described and identified the local cactus species. Ranger Frost, who had contacted Mr. and Mrs. Rockefeller, and who had formerly been a neighbor of theirs at Northeast Harbor, Maine, stopped by their hotel on his way home, and left a copy of Dr. Shreve's "Cactus and Its Home" at the desk for Mr. R.

We have been wondering ever since if "Pop" Frost had heard of the incident wherein the late Will Rogers presented John D., Sr. with a dime upon meeting him for the first time.

Don W. Egermayer
Custodian.

VANDALISM. Without having had a record of individual instances, we believe this to be the worst barrel season the present institution has ever seen in regard to instances of wilful or thoughtless vandalism on the part of visitors, particularly adults. It has become necessary for one man to spend most Monday afternoons patrolling the Long Road, in a rather hopeless attempt to stop slaying of coots, smashing and removal of Red Squirrel shelters, and putting and initial-carving on trees of living coots. These pond-dwellers have been successful, and relieved of their lands, in the past month. Fire bells in Superior Fire-alarm along the Long Road, are so frequent that patrols are rule each Monday evening, after five P.M., and often a second patrol after dark.

LONG SERVICE. Beginning the last Friday in January, it was necessary to split load water to the Hebron Junior Station. All of the time of one man was spent on this work, until the spring began flowing again on February 12. A total of 6300 gallons was hauled in this period. At the present time all storage tanks are full, and the river running in greater volume than it has had in the past 18 months.

FIRE IN HOTEL. No water supply supply was taken this month, as there was no water on February 1. The present storage, except in the new tank, is water from the Tarem supply, so no analysis was deemed necessary.

All but one of the necessary employees at the Hebron Camps Area have been ill with colds during the month. Time taken off totaled four days.

MORE PROTECTION. When a man bites a dog, it is always news. Upon the occasion of his visit to Squaws, last week, Mr. John E. Hoskwalter, Jr., expressed his regret that he did not have any body which described and identified the local motor smashes. Danger Point, who had contacted Jr., and Mrs. Hoskwalter, and who had recently been a majority of the at Hoskwalter Manor, Hebron, stopped by their hotel on his way home, and left a copy of Mr. Howard's "Nature and Its Laws" at the hotel for Mr. H.

We have been wondering over since if "Top" Frost had heard of the incident wherein the late Bill Denny promoted John H., Jr. with a fifth wheel, on meeting his for the first time.

Jno H. Spencer
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

February 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of February, 1948.

Visitors this month: 397 Travel year to date: 3620

Travel: Heavy snows have blocked all roads for most of the month. 159 visitors registered in spite of the adverse conditions. This represents a decrease of 22.8 % for the same period a year ago. Total travel estimates are continued on the same basis by adding an additional 60% to the number registered.

Weather: Temperatures have remained near or below the freezing point for the month. Roads were blocked by heavy snows most of the time. Observations made the latter part of February indicate that 3.21 inches of precipitation fell during the past quarter. At the time of this inspection it was estimated that from four to six inches of snow lay on the level.

NPS Visitors: During the latter part of the month Chief of Development Tom Vint, Regional Engineer Lassiter, Regional Architect Cornell and Architect Lovelady visited the area with the intention of inspecting the proposed location of the new entrance road. However deep snow and adverse weather conditions prevented them from accomplishing the study they desired.

Road: The Saginaw Manistee Lumber Company began clearing the entrance and monument road of snow the latter part of the month, preparatory to logging operations to the south and also to the east of Sunset. The deep drifts along the base of the crater have been plowed but the entire road is rough and slippery in spots. No travel has gone through on the Sunset-Wupatki road. It will again be necessary to erect signs closing this portion as soon as the actual logging operations begin, as the presence of logging trucks on the narrow roads creates a hazard to the visitor.

Robert F. Upton
Ranger-in-Charge

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Summit Station ..... NATIONAL MONUMENT

..... Fiscal Year 1941

..... February 28 1941

Superintendent for the Regional Director, Region Three.

Here follows a report of the activities of Summit Trailer Station, Summit National Monument for the month of January, 1941.

Visitors this month: 627 Total year to date: 4,029

Travel: Snow cover has slipped off roads for most of the month. The visitor registered in spite of the adverse climatic. This represents a decrease of 22.8 % for the same period a year ago. Total travel estimates are substantial as the snow tends to militate on attendance in the Monument registered.

Weather: Temperatures have remained more or below the freezing point for the month. Skies were clouded by heavy snow most of the time. Temperatures made the latter part of January fairly cold with 1.31 inches of precipitation fell during the real quarter. At the time of this inspection it was estimated that from four to six inches of snow lay on the level.

Road Patrol: During the latter part of the month Chief of Rangers Jones, Regional Engineer Lassiter, Regional Architect Trowbridge and Regional Director visited the site with the intention of inspecting the proposed location of the new entrance road. Director Guy Mace did not attend because of the snow covered road. Director Guy Mace did attend winter conditions prevented them from accomplishing the study they desired.

Roads: The Regional Engineer Lassiter therefore directed the entrance and monument road of snow the latter part of the month, preparatory to letting operations to the south and also to the east of Summit. The snow drifts along the lines of the earlier have been plowed but the entire road is rough and slippery in spots. In travel has been through as the snow-packed road. It will again be necessary to wood plow clearing this winter as soon as the normal letting operations begin, as the presence of logging trucks on the entire road creates a hazard to the visitors.

Robert F. Jones
Ranger-in-Charge

Tonto National Monument
Roosevelt, Arizona

February 27, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of February, 1948.

Weather. The first two weeks of February were colder than usual with temperatures down to 20° F, which is enough in this part of Arizona to freeze water lines, which it did. Most of the month has been colder and cloudier than usual, except February 22, which set a heat record in Tucson. On February 23 we had a general dust storm. Roosevelt Lake continues to be very low, with little prospect of its filling this year.

Approaches to Monument. The Apache Trail is in fairly good condition. The Queen Creek Canyon section of Highway 60 is being widened, and cars are held up sometimes several hours for blasting and rock clearing, which affects our travel.

Interpretive Service. With more visitors than last month, it was necessary to declare the Upper Ruin closed, as we cannot give adequate service even then. Without a lot of planning, stabilization and extra personnel to protect the Upper Ruin, it should stay closed.

Travel. 3017 persons in 833 cars visited Tonto in February. 1106 visited the Lower Ruin. While this was an increase of 400 persons over the preceding month, it was about 900 less than February 1947. Cold weather, construction on Highway 60, and the fortunate decision of 101 cars and 4 busses of Dons, not to stop here, account for the difference.

Roads and Trails. The resignation of trail laborer Eugene Cook on February 23 completes the first round of trail repair. The path to the Lower Ruins is in fair condition, but needs a considerable amount of work to bring it up to a high standard.

Roads & Trails, contd. The mile of entrance road is wearing down to the subgrade, with rocks starting to come through. It needs considerable work with equipment that I do not have.

Visitors. Archaeologist Dan Davis & Mrs. Davis from Casa Grande; Ranger Frederick Brueck, Mrs Brueck & son, from Grand Canyon, and Custodian Clair V. Cooke & Mrs Cooke of Chiricahua visited Tonto this month.

General. The State Highway Department offered to replace our signs at the intersections of the Apache Trail with Highway 60 and 80 - 89 with new signs of similar design and wording. As ours are badly beaten up, the custodian was glad to receive that offer. The one new sign here was put up at the Miami junction.

The 3 M.W. plant quit operating, and will be taken to Casa Grande along with the Dodge pickup, which needs brakes repaired and other work.

Several loads of gravel were hauled for the ravine which serves as a utility area. Considerable work has been done on labels for the various desert plants here which interest the visitors considerably.

Visitor contact takes up most of our time, making it difficult to keep up with maintenance and office work at times.

Ranger Hendricks and the Custodian & wife heard a very good lecture on the archaeology of Gila County, by Dr. Deric O'Bryan of Gila Pueblo in Globe.

Charles C. Sharp
Custodian

Tonto National Monument
Roosevelt, Arizona

February 27, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of February, 1948.

Weather. The first two weeks of February were colder than usual with temperatures down to 20° F, which is enough in this part of Arizona to freeze water lines, which it did. Rest of the month has been colder and cloudier than usual, except February 22, which set a heat record in Tucson. On February 23 we had a general dust storm. Roosevelt Lake continues to be very low, with little prospect of its filling this year.

Approaches to Monument. The Apache Trail is in fairly good condition. The Queen Creek Canyon section of Highway 60 is being widened, and cars are held up sometimes several hours for blasting and rock clearing, which affects our travel.

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Roads and Trails. The resignation of trail laborer Eugene Cook on February 23 completes the first round of trail repair. The path to the Lower Ruins is in fair condition, but needs a considerable amount of work to bring it up to a high standard.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori, Arizona

Roads & Trails, contd. The mile of entrance road is wearing down to the subgrade, with rocks starting to come through. It needs considerable work with equipment that I do not have.

Visitors. Archaeologist Dan Davis & Mrs. Davis from Casa Grande; Ranger Frederick Brueck, Mrs Brueck & son, from Grand Canyon, and Custodian Clair V. Cooke & Mrs Cooke of Chiricahua visited Tonto this month.

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Visitor contact takes up most of our time, making it difficult to keep up with maintenance and office work at times.

Ranger Hendricks and the Custodian & wife heard a very good lecture on the archaeology of Gila County, by Dr. Doris O'Bryan of Gila Pueblo in Globe.

Charles C. Sharp
Custodian

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

February 25, 1948

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of February, 1948:

WEATHER CONDITIONS: The drowth has relented this month, with 1.21 inches precipitation, which is about normal for February. Minimum temperature of 12, on January 29, was unusually low, occurring at the same time that a record low of 6 was recorded in Nogales, 18 miles south. Maximum of 85 occurred on the 17th. Terrific winds, of gale proportion, occurred on the 23rd.

MAINTENANCE: Routine was kept current.

MAJOR REPAIR AND REHABILITATION: The contractor finished covering the museum building roof with two new layers of asphalted felt and aluminum paint. He has done nothing yet on the repair of the museum entrance and its ramp construction.

INTERPRETIVE SERVICE: 2,235 visitors went on 260 guided trips through the mission and grounds, receiving an average of 35.3 minutes per trip. 4,132 visitors saw the museum. 4,154 persons received combined Information and Interpretation Service.

INCREASE OR DECREASE IN TRAVEL: The visitor total of 4,303 persons for this month sets a new all-time record for regular travel. Next highest month was January, 1948, with 4,065 visitors. February 22 was the biggest travel day we have seen here, with 311 visitors, and 152 guide tickets sold.

VISITORS: February 5 - Perry R. Taylor, of the Bureau of the Budget.
February 18 - Father Victor R. Stoner, well known mission history authority.

INSPECTIONS: February 12 - Archaeologist Charlie Steen checked over last season's ruins stabilization work, and approved coming work for next season.

PERSONNEL: Our full staff of two permanents and one seasonal were on duty practically all month. Jackson took 2 hours sick leave, and 8 hours annual leave. Brewer took two hours annual leave.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori, BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

February 22, 1966

Superintendent
Saguaro National Monument
Tucson, Arizona

Subject: Monthly activity report for Tumacacori National Monument for the month of February, 1966.

VISITOR ACTIVITIES: The church has remained open every day, with a total of 1,[illegible] visitors registered. As about normal for February, attendance was slightly [illegible] the January 20, was unusually low, occurring on the same day that a record low of 2 was recorded in Tucson, 22 miles north. Students of AZ numbered 20 to a 1966. Tourists stops, or side excursions, returned on the rise.

MAINTENANCE: Routine and day-to-day.

MAJOR PROJECT AND CONSTRUCTION: The contractor finished repairing the adobe filling roof with the new layers of modified felt and aluminum paint. He has done nothing yet on the repair of the mortar between the two reconstructed.

INTERPRETIVE ACTIVITY: 4,800 visitors went in the guided tours through the museum and grounds, receiving an average of 20.2 minutes per trip. 4,[illegible] visitors saw the museum. 3,[illegible] persons received Conservation and Interpretation Service.

INCREASE OF PROBLEMS OR FACTORS: The visitor total of 4,[illegible] persons for this month was a new all-time record for regular times. That highest month was January, 1966, with 4,[illegible] visitors. February 22 was the highest travel day on a week-end date, with [illegible] visitors, and [illegible] visitors.

VISITORS: February 9 - Jerry C. Taylor, of the Bureau of the Budget.
February 12 - Father Victor R. Joyner, well known Mexican history authority.

NEW ACTIVITY: February 12 - Anthropologist Charlie Steen checked over last month's ruins stabilization work, and approved moving ahead for next season.

PROBLEMS: The full effect of the prisoners and the assembled were in only practically all month. Persons came 8 hours that leave, and 3 hours normal leave. Never then the hours normal leave.

RED CROSS: The staff took a Standard course in Red Cross First Aid earlier this winter. On February 12 we received full equipment for a Red Cross First Aid Station and installed it. Tumacacori now has the only emergency First Aid station in this county.

PUBLICITY: Nogales and Tucson newspapers gave us good spreads on the January record travel figures (which were mailed out to them under paid postage). Publicity was also given to the installation of the first aid station. In fact, we have no trouble whatever getting newspaper publicity on any information we dish out.

GENERAL: Everything is going along in good condition. It has been a Godsend having a seasonal ranger this winter. I don't know how we ever got along without one before.

Earl Jackson,
Custodian

NEW TOWN: The staff took a standard course in the Green First Aid service this winter. On January 12 we received full equipment for a Red Cross First Aid station and installed it. Tuscaloosa now has the only emergency first aid station in this county.

PUBLICITY: Copies and Tuscaloosa newspapers gave us good spreads on the January record trend figures (which were called out to them under cover postage). Publicity was also given to the installation of the first aid station. In fact, we have no trouble whatever getting newspaper publicity on any information we dish out.

MORALE: Everything is going along in good condition. It has been a delayed spring a seasonal trouble this winter. I don't know how we ever got along without one before.

Best Wishes,
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

FEBRUARY 26, 1948, 19

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for February, 1948.

Travel Data: Although adverse weather conditions prevailed throughout the month we had the greatest February travel in the history of the monument. 1147 people in 346 parties. The present 1948 travel year promises to pass last years high by several thousand.

Guide and Contact Services Museum, ruins and orientation contacts totaled 2732 for the month. 1008 people in 265 parties were shown the museum, and 1016 people in 251 parties were conducted through the ruins. The average time spent by each party in the museum was 21.4 minutes while the average conducted tour through the ruins required 20.8 minutes per party.

Personnel Time: Museum: 95 hours, 40 minutes, Ruins: 87 hours, 05 minutes. Total time for Bright: 97 hours, 35 minutes. For Richert: 85 hours, 10 minutes.

N.P.S. Visitors: Tuzigoot welcomed Assistant Regional Director John M. Davis and Chief Clerk Luis Gastellum on January 30. We find that periodic visits by the Regional Office Personnel is highly beneficial to the areas concerned.

Special Visitors: On February 1, a caravan of 30 automobiles with 109 people, visited the monument. The party consisted of young people representing 16 nations. This Moral Re-Armament Group, sponsored by the National Committee of Invitation, is presenting, "THE GOOD ROAD" a new musical revue, in various parts of the nation and in foreign countries.

Maintenance and Administration: More sewer line trouble. A section of about 40 feet completely disintegrated due to growth expansion of plant roots which had broken into the line at various places. The entire length has been cleared away and repairs will be made as soon as new tile can be obtained. New nature trail signs were placed along path leading to the ruins describing the common and scientific names of different kinds of cactus. Ranger Richert completed the placing of new descriptive labels in all display cases in the Museum. The annual task of deweeding of rooms in the ruins was started during the latter part of the month.

Publications: 8950 Tuzigoot two-fold leaflets and 50 mimeo informational sheets on hand. No other free or for sale publications on hand at this Monument.

Ernest W. Bright
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

[illegible] NATIONAL MONUMENT

[illegible], [illegible]

[illegible] 30, 1946 [illegible] 19[illegible]

[illegible] for the Regional Director, Region Three.

Pilgrimage is the monthly narrative report for Independence National Monument for February, 1946.

Travel Data. Although adverse weather conditions prevailed throughout the month as has the previous, increasing travel in the vicinity of the monument, 1147 people in 341 vehicles. The present 1947 travel year promises to pass last year's mark by several thousand.

Visitor and Contact Service. Museum, visitor and orientation contacts totaled 2721 for the month. 1102 people in 320 parties were shown the museum, and 1619 people in 321 parties were conducted through the yards. The average time spent by each party in the museum was 24.4 minutes while the average conducted tour through the yards required 30.4 minutes per party.

Personnel Time: Museum: 24 hours, 40 minutes. Exhibits: 27 hours, 50 minutes. Total time for Pilgrim: 77 hours, 30 minutes. For Ginsburg: 52 hours, 30 minutes.

U.S.S. Visitors: Twelve enlisted men of the National Director John E. Davis and Chief Clerk Louis Mechlin on January 30. On first two periods visits by the Regional Office personnel is highly beneficial to the areas concerned.

Special Visitors: On February 1, a survey of 20 schoolgirls with 120 people, visited the Monument. The party consisted of young people representing 12 nations. This Rural Re-Creation Group, sponsored by the National Committee of Philadelphia, is privately, "THE USES BELIEF" a non sectarian, non political group of the nations and is foreign committee.

Maintenance and Administration: Here every item travels. A section of stone 40 feet completely disintegrated due to growth expansion of plant roots within and behind the site at various places. The entire height has been shored away and repairs will be made as soon as new tile can be obtained. Two entire trail sites were placed along with leading to the rear Shoemaker the museum and exhibits rooms of different kinds of media. Deeper Elbert completed the placing of new descriptive labels in all display rooms in the Museum. The annual task of dusting of rooms in the rooms was started during the latter part of the month.

Publications: 8000 Twelve two-side leaflets and 50 close informational sheets on hand. No Motor Free or for sale publications on hand at this Monument.

Submitted by [illegible]
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona.

February 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for February, 1948:

Weather. With several good snows during period, the City of Flagstaff feels confident of having enough water for the coming year. Fourteen below on the 11th, was our coldest day since 1945.

Visitors. Of the 341 total, 311 wereccontactdd, and it is estimated that 140 made the ruins trip unattended despite the snow on trails. Our travel-year-to-date figure is running behind last year's because our entance roads are in worse condition from more precipitation.

Inspections. Mr. Davis and Mr. Castellum were here for a full day discussing administrative matters. Mr. Carlson made a brief stop to leave some forestry supplies for Wupatki and Navajo. Mr. Vint, Mr. Cornell, Mr. Lovelady and Mr. Lassiter spent most of a day here going over the PCP for Walnut Canyon. and inspecting the proposed approach road.

Activities. Beyond the routine chores, we have principally been concerned patch plaster and painting the interior of the Custodian's residence. We havent finished but what we have done is OK if we do say so ourselves.

SWM Association. Last month I should have stated how pleased we were to have the Association bind five volumns of the Arizona Highways for our library. Our show case was broken into and looted the morning of Washington's birthday. This is the fourth time we have lost several books. All publications have been removed and will not be displayed until some improvements are made on the case.

Paul L. Beaubien
Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Saint Croix National Monument
Frederiksted, Virgin Islands.

February 27, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Saint Croix National Monument for February, 1948:

Weather. Fair with several good showers during period, the City of Frederiksted feels confident of having enough water for the coming year. Fourteen inches on the 11th, was our coldest day since 1942.

Visitors. Of the 741 total, 311 were contacted, and it is estimated that 140 made the ruins trip unattended despite the snow on trails. Our travel-year-to-date figure is trailing behind last year's because our entrance roads are in worse condition from more precipitation.

Inspections. Mr. Davis and Mr. Bartelsen were here for a full day discussing maintenance matters. Mr. Erickson made a brief stop to leave some forestry supplies for Superintendent and Davis. Mr. Vint, Mr. Cornell, Mr. Lovelady and Mr. Lassiter spent most of a day here going over the ROW for Saint Croix, and inspecting the proposed approach road.

Activities. Beyond the routine chores, we have principally been concerned with winter and painting the interior of the Quidnick's residence. We haven't finished but what we have done is OK if we do say so ourselves.

Lost Association. Last month I should have stated how pleased we were to have the Association bind five volumes of the Arizona Highways for our library. Our show case was broken into and looted the morning of Washington's birthday. This is the fourth time we have lost several books. All publications have been removed and will not be displayed until some improvements are made on the case.

Paul L. Bernheim
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

February 26, 48

MEMORANDUM for the Regional Director, Region Three.

FEBRUARY TRAVEL - 1948
Visitors 4621 Cars 1378

1948 - TRAVEL YEAR TO DATE
Visitors 25,933 Cars 7,278

February lagged somewhat behind the same month of last year but this is definitely traceable to adverse weather conditions. It was necessary to close the road into the Sands four days and two other days the weather was very bad curtailing travel in any direction. On several days both the states of New Mexico and Texas were requesting all non-essential cars to stay off the highways due to snow, ice, or dust.

A record low for White Sands was reached the night on January 30 when the mercury dropped to minus 8. Just for contrast the high was 74° on February 19. Moisture totaled almost an inch, much of which was snow.

Two official trips were made off the Monument, both to El Paso via the White Sands Proving Ground. Accompanied by Ranger Steel a hurried inspection was made of the ruin sites reported recently. They seem to be typical of the Tularosa Basin, similar sites have been studied for some time.

Museum visitors seemed to have lingered longer than usual and, of course, the regular questions were presented to us in various forms. The "54" Association held their annual convention in Alamogordo and many of the delegates visited the White Sands. It is the hope of the Association to get Highway U. S. 54 paved throughout its entire course. When this is accomplished we should certainly notice a decided increase in visitation.

Heavy winds and storms have proved a nightmare to our road man and it is entirely possible that, unless we can secure equipment or borrow from the Army, our roads will be closed. The small patrol is simply not large enough to carry the spring load by itself.

A start at moving the picnic area has been made - the toilets have been moved and the road blocked leading into the old area. The first Sunday the new public use area was in operation we ran over a thousand visitors. This heavy use quickly brought out several weak points which will be corrected as time permits.

Reminder for the Regional Director, Region Three.

FEBRUARY TRAFFIC - 1952 1948 - TOTAL THAT TO DATE
Visitors 4821 Cars 1473 Visitors 21,324 Cars 7,275

February Daily records behind the same months of last year but this is definitely traceable to adverse weather conditions. It was necessary to close the road into the lands four days and two prior days the weather was very bad and unfavorable travel in any direction. On several days both the sheiks of the Drifts and Tent were requesting all non-essential area to stay off the highways due to snow, ice, or dust.

A record low for this time was reached the night of January 28 when the mercury dropped to minus 2. Just for contrast the high was 74° on February 12. Relatives visited almost as long, much of which was snow.

The official info was sent off the Department, Tech to 71 pies via the radio beam prevent trends. Accompanied by stamp that a barrial inspection and some of the pies alone reported recently. They seem to be typical of the Tetons Park, whether alone have been should for some time.

Serious visitors seemed to have lingered longer this month and, of course, the regular receipts were repeated so on in varying form. The "Ex" Jamboree will their annual convention in Jackson and many of the delegates visited the Tetons Park. It is the hope of the Jamboree in red Highway 2. A. is proud throughout its entire course. Then this is accomplished we should certainly notice a decided increase in visitors.

Many sinks and dirons have proved a nightmare to our road men and it is entirely possible that, unless we can secure equipment or barrow from the army, our roads will be closed. The small patrol is simply not large enough to carry the spring load by itself.

A start at moving the picnic area has been made - the tables have been moved and the road blocked leading into the old area. The first Sunday the new public use area was in operation we ran over a thousand visitors. This heavy use probably brought out several week points which will be corrected as time permits.

An attempt is being made to repair all our picnic area disposal units. We are trying to get out an inventory, wage scale survey, and numerous odds and ends.

The White Sands Play Day has been set for April 10 and we will be glad again to see it come and go. The Chamber of Commerce and Otero County school officials are looking for the largest crowd in the history of the event.

Concession sales are running a little lower than last February but are still well ahead of former years.

No complaints were received by this office and we will make every attempt to carry on in such a manner as to prevent one.

Johnwill Faris,
Custodian.

February 24, 1948
(2) Marvelous Report

An attempt is being made to repair all our planes are diagonal walls. We are trying to get rid of inventory, make room anyway, and numerous odds and ends.

The radio lamps they have been not for April if and we will be glad again to see it come and go. The number of inventory and other supply deficients are looking for the largest equal in the history of the world.

Prospective pilots are running a little lower than last February but are still well ahead of former years.

No complaints were received by this office and we will make every attempt to carry on in such a manner as to prevent one.

Sincerely yours,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

February 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of February, 1948.

Visitors this month: 172 Travel Year to date: 1047

Weather: During the past month the weather was more typical of January with daily temperatures in the forties and fifties, brief snow flurries, and cold winds. Precipitation is still below normal.

Roads: The Wupatki entrance road has been open the entire month. The small amount of precipitation received has settled the dust anyway. The approach from Sunset Crater has been closed.

Travel: Visitation has shown a 26% decrease for the same period of a year ago. This is in keeping with reports of travel in the Flagstaff vicinity which has fallen for the past six weeks. No doubt caused by the general winter weather with its disagreeable traveling conditions. The travel year however shows an increase of 25% over that of last year.

Grazing: The CO Bar cattle, grazing under permit, have not been as numerous as last year, but we are having more difficulty with trespass grazing in the Wupatki Basin. As reported last month, Joe Kellam's cattle have been drifting in to water at Heiser Spring. The maximum number to date has been about seventy-five head. This varies considerably for the owner rounds them up and takes them back on his own range at every opportunity. The only solution to this problem is fencing along our south boundary.

Kirby continues to graze under permit on the Coconino Forest adjoining our south and west boundaries. He has mentioned that this is positively the last year he will be permitted to graze in this area. An interesting observation on grazing in the cinder area came from Mr. Kirby. While there is an excellent stand of grama and gallenta grass forming a dense cover on some of the more consolidated soils, cattle tend to avoid this grass and prefer to browse in the rocky sections and on the hills. It is Kirby's opinion that the grass of the cinder area lacks some essential mineral.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Petrified NATIONAL MONUMENT

Flagstaff, Arizona

February 24, 19 44

Superintendent for the Regional Director, Region Three.

Here follows a report of activities at Petrified National Monument for the month of February, 1944.

Visitors this month: 177 Travel Year to date: 1047

Weather: During the past month the weather was more typical of January with daily temperatures in the twenties and fifties, brief snow flurries, and cold winds. Precipitation is still below normal.

Roads: The Rainbow Forest road has been open the entire month. The small amount of precipitation received has melted the last snows. The Spurgin road from Adams Crater has been closed.

Travel: Visitation has shown a 50% increase for the same period of a year ago. This is in keeping with reports of travel in the Flagstaff vicinity which has fallen for the past six months. It could be caused by the general winter weather and by the disagreeable travelling conditions. The travel year however shows an increase of 50% over that of last year.

Grazing: The 20 Bar cattle, grazing under permit, have not been as numerous as last year, but we are having more difficulty with trespass grazing in the Rainbow basin. As reported last month, the Indian's cattle have been drifting in to water at Adams Spring. The maximum number to date has been seventy-five head. This water constitutes the only opportunity for the owner trucks that by and have been back on the range at every opportunity. The only solution to this problem is fencing along our south boundary.

Forty sentences to grate under permit on the Canadian Forest adjoining our south and east boundaries. We has maintained that this is positively the last year he will be permitted to graze in this area. An interesting observation on grazing in the cluster area came from Mr. Kirby. While there is no doubt that of grass and pollenta grass forming a dense cover on some of the more consolidated soils, cattle seem to avoid this grass and prefer to browse in the rocky portions and on the hills. It is Kirby's opinion that the grass of the cluster area lacks some essential element.

Where his cattle have eaten the grass he does not feel that they are in as good condition as when they feed on similar species outside of the cinder. This interesting observation on cinder ecology should have more study.

Special Activities: Dr. H. S. Colton, Museum of Northern Arizona, planned to visit the monument this month in order to select archeological sites for excavation this summer. Pressure of other work prevented his doing so, but he hopes to have one or two small projects in this area, ones which can be completed and ready for publication by the end of the summer.

What might have been a small "gold mine" for some prehistoric Wupatki trader was reported by one of our Navajos, Julius Chee. A deposit of hematite across the river from Crack-in-the-Rock Ruin was visited and recorded in the files. It consists of large and small nodules of hematite in what is apparently the lower Chinlee formation. Some of it is of excellent quality for making red paint and undoubtedly was utilized by the prehistoric inhabitants of this vicinity.

Spring Flow: Wupatki Spring increased in flow from 881 to 993 gallons per day over the past month, whereas Heiser decreased 98 gallons to 1136 gallons per day. The use of this water by trespass cattle deprives Navajo stock of their water.

NPS Visitors: Regional Engineer Lassiter inspected the proposed water line, spring development and several other projects early in the month, returning again with Chief of Development Tom Vint, Regional Architect Cornell and Architect Lovelady. At the latter inspection the entire time was spent on matters basic to future Master Planing and it is hoped that we can reach final decisions within the relatively near future.

General: The conversion of the "boiler room" in the basemant of the proposed public contact building into office space was completed and the moving of the office accomplished at long last. The knocked down water tank, 4000 gallons, was hauled from Grand Canyon and now rests on the cinder slope of Woodhouse Mesa above the residence. Figuring that hauling each piece up through the deep cinders for 100 feet was an awful chore, we brought it down in one single two ton box from the top of the mesa.

David J. Jones
Custodian

[illegible]

[illegible]

There did parties have gotten the grass in done so that they are in so good condition as they had in similar special prices of the order. This interesting observation in other society shows were [illegible].

Special Assistant: Mr. S. S. Jones, Bureau of Northern Affairs, planned to visit the museum this month in order to select archaeological sites for exploration this summer. Presence of other work prevented his doing so, but he hopes to have one or two small projects in Bill's area, some which can be completed and ready for publication by the end of the summer.

What might have been a small "gold mine" for some prehistoric Bowsith hunter was reported by one of our Bowsith, Julius Tom. A deposit of lumpit on across the river from Grass-in-the-Bend this was visited and reported to the files. It consists of large but small nodules of lumpit in what is apparently the lower Jurlow Formation. Some of it is of excellent quality for making red paint and unfortunately was utilized by the prehistoric inhabitants of this vicinity.

Lower Flow Depth Spring Increased in flow from 201 to 207 gallons per day over the past month, whereas Baker decreased 24 gallons to 1318 gallons per day. The use of this water by trappers during Bowsin period of their water.

Our visiting Regional Engineer Lawyer inspected the proposed water line, spring development and several other projects early in the month, returning again at the end of travel-weather for [illegible]. Regional Engineer Gilbert and Architect Lapelaby. In the latter inspection the matter [illegible] the spring in northern [illegible] Flowing Spring and it is hoped that we can [illegible] [illegible] within the relatively near future.

Tuesday: The excavation of the Muller trench in the basement of the proposed public northern building this afternoon was completed and the moving of the office commenced at long last. The lowering down water tank, 8000 gallons, and [illegible] from Grand Canyon and our rests on the slender slope of [illegible] then above the railroad. Figuring that hauling such plans up through the [illegible] for 100 feet was an awful chore, we brought it down in one single [illegible] from the top of the [illegible].

[illegible]

[illegible]

[illegible]

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

February
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	29	28	1/4 hr.
(Give Name or Type) Total	29	28	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Windows Section	31	88	1 hr.
(Give Name or Type) Total	31	88	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	3	(mail)	
ther			

119
Total Receiving Interp. Serv.

94
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
5 page booklets	
opular Studies	
ource Books	

NAME Russell L. Mahan

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Unusuall cold weather and snow on approach road had adverse effect on travel.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

February
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	43	234	1/2 hr.
ther Museum	57	306	1/4 hr.
Total	100	540	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	1	60	1 hr.
isplays and Exhibits			
eplies to Inquiries	1		
ther			

540
Total Receiving Interp. Serv.

306
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	12
ource Books	

NAME

TITLE Lloyd M. Pierson ~~Acting Custodian.~~

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

February
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	17	75	65.3 min.
ther			
Total	17	75	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	12	40	24.6 min.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	12	40	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum Lobby	31	91	
(Give Name or Type) Total	31	91	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trails to Tsankawi, Ceremonial Cave, Stone Lions and Fire Lookout.	31	30	
(Give Name or Type) Total	31	30	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

236
Total Receiving Interp. Serv.

121
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME Fred W. Binnewies
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CANYON DE CHELLY NATIONAL MONUMENT
Name of Area

February
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		One	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	3	9	20 min.
ther (Not connected with conducted trip)			
Total	3	9	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	12		
ther			

9
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Meredith M. Guillet

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Capulin Mountain National Monument
Name of Area

Feby
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
None.			
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
None.			
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
None.			
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
waysice markers pointing out five of the principal points of interest			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
None.			
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

twenty five
Total Receiving Interp. Serv.

seventy five
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Homer J. Karr.

TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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Reports
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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CASA GRANDE NATIONAL MONUMENT
Name of Area

February
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	1	1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	242	4357	51 Min.
ther	205	4115	30 "
Total	447	8472	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museu, & Etc.		1443	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

8472
Total Receiving Interp. Serv.

5800
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets (Out of Print)	
opular Studies	
ource Books	

NAME A. T. Bicknell,
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Archeologist D. Davis reported for duty on February 3, filling the vacant P-1 Position.

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

February
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		(1) Custodian	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	6	21	77 mins.
ther			
Total	6	21	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	5	14	19 mins.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	5	14	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther	5	written inquiries	

35
Total Receiving Interp. Serv.

21
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Irving McNeil, Jr.

TITLE Custodian

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

February
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	3	12	1 hr.
alks or Hikes	1	3	1 hr.
uins or Hist. House			
ther			
Total	4	15	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	31	1,119	1/4 hr.
(Give Name or Type) Total	31	1,119	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Pt. Orientation Station (Est)	31	560	1/4 hr.
(Give Name or Type) Total	31	560	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks - with slides	2	174	1 hr.
isplays and Exhibits			
eplies to Inquiries			
ther			

1,679
Total Receiving Interp. Serv.
1,233
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME Clair V. Cooke
TITLE Clair V. Cooke, Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~El Morro National Monument~~
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		~~Custodian~~	
emporary			

~~February~~ Month

~~1948~~ Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	1	4	1 hour
ther			
Total	1	4	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

4
Total Receiving Interp. Serv.

4
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
pular Studies	
urce Books	

NAME

TITLE Bates E. Wilson
Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

FEBRUARY
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	11	38	37
Other			
Total	11	38	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks *	1	9	45
Displays and Exhibits			
Replies to Inquiries	1		
Other			

38
Total Receiving Interp. Serv.

38
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME WLB
William L. Bowen
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Gran Quivira Grade School.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

FEBRUARY
Month

1943
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station (Sundays)	3	27	15 mins
(Give Name or Type) Total	3	27	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

27
Total Receiving Interp. Serv.

36
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Ted C. Sowers

TITLE Custodian

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

February
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	77	350	1 hour
ther			
Total	77	350	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	31	419	10 min.
Orientation (connected with conducted tour but information received by those not making tour)	31	159	10 min.
(Give Name or Type) Total	62	578	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (self guiding nature trail)	31	No record	20 min.
Montezuma Well Trail (self guiding with leaflet)	31	349*	
(Give Name or Type) Total	62	349	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

1277
Total Receiving Interp. Serv.
1464
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
5 page booklets	
opular Studies	
ource Books	

NAME Horace T. Hastings
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Ranger on duty 19 days of month on which these figures are based.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

February
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			
emporary	No personnel	on duty.	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Russell L. Mahan
TITLE Acting Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Area closed for winter due to snow on approach road.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

FEBRUARY
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1 Intermittent Laborer

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	6		
Other			

Total Receiving Interp. Serv. 5 *

Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Jim Brewer Jr

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* 5 visitors arrived here with purposes other than ruin trips.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

February
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other (Accompany patrol)	3	8	4 hrs.
Total	3	8	

TALKS	NO.		
Campfire (Kodachrome slide lecture)	4	14	2 hrs.
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	4	14	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	21	450	½ hr.
(Give Name or Type) Total	21	450	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

472
Total Receiving Interp. Serv.

8369
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh

TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

February, 1948
Month

1948
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		2	
mporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans (Included in total contacts below)	1	52	140 min.
lks or Hikes			
ins or Hist. House			
her			
Total			

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
nument Headquarters.	31	1639 People, in 435 parties.	7380 min. total 17.0 min. avg.
(Give Name or Type) Total		1639	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

1639
Total Receiving Interp. Serv.

3415
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
page booklets
pular Studies
urce Books

NAME Don W. Egermeyer

TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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MONTHLY ATISTICAL REPORT OF INTERPRETIV SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

February
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	29	159	5 Min.
(Give Name or Type) Total	29	159	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

159
Total Receiving Interp. Serv.

397
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Robert F. Upton

TITLE Ranger-in-Charge

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

No personnel in residence on the Monument during the month of February.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

February
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	1	1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	[illegible]	1106	45 min av.
ther			
Total	[illegible]		

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
[illegible] Office & Museum	31	2619	18 min av.
(Give Name or Type) Total	31		

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
splays and Exhibits			
plies to Inquiries			
ther			

[illegible]
Total Receiving Interp. Serv.

[illegible]
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
opular Studies	
ource Books	

NAME Charles S. Sharp

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

February
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	260	2,235	35.3 mins.
ther			
Total	260	2,235	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Combined information and interpretation service			
registry desk or in museum. All visitors save			
unarounds get this service.	31	4,164	5 mins. ave.
(Give Name or Type) Total	31	4,164	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum, self-guiding	31	4,132	10 mins.#
(Give Name or Type) Total	31	4,132	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts	0		
alks	0		
isplays and Exhibits	0		
plies to Inquiries	2		
ther	0		

10,531
Total Receiving Interp. Serv.
4,303**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

5 page booklets	none
opular Studies	"
ource Books	"

NAME Earl Jackson
Earl Jackson
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Estimate.
** Visitor total includes 139 runarounds.

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COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	[illegible]	[illegible]	
emporary			

FEBRUARY
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	265	1036	20.8 mins.
ther			
Total			

TALKS	NO.		
mpfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	265	1016	21.4 mins.
ther (Not connected with conducted trip)	155	710	
Total	420		

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries	2		
her			

2732
Total Receiving Interp. Serv.

1147
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
page booklets
pular Studies
urce Books

NAME Everett W. Bright

TITLE Everett W. Bright, Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

February
Month
1943
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		One(part-time)	One(part-time)
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	1	4	1 1/4 hr
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
verlook at Admin. Bldg.	30	311	1/3 hr
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

315
Total Receiving Interp. Serv.

321
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

page booklets	
opular Studies	
ource Books	

NAME Paul L. Beaubien
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

ort 140 made ruins trip unattended.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

~~FEBRUARY~~ Month

~~1948~~ Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes		N	
uins or Hist. House		O	
ther		N	
Total		E	

TALKS	NO.		
ampfire			
otel or Lodge		N	
useum (Not connected with conducted trip)		O	
rientation (Not connected with conducted trip)		N	
ther (Not connected with conducted trip)		E	
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~MUSEUM~~	~~31~~	~~2700~~	~~1/6~~
(Give Name or Type) Total	~~31~~	~~2700~~	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	N		
isplays and Exhibits	O		
eplies to Inquiries	N		
ther	E		

~~2700~~
Total Receiving Interp. Serv.

~~4621~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME

TITLE ~~Ranger~~

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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120005

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

February
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	28	72	45 Min.
ther			
Total	28	72	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Walakihu Exhibit	29	57	5 Min.
(Give Name or Type) Total	29	57	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

129
Total Receiving Interp. Serv.

172
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME David J. Jones

TITLE Custodian

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 5TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

April 8, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for naturalists of the Southwestern National Monuments for the month of March 1948:

Staff Activities - General

Naturalist Dale S. King was in the office except for a one day trip to Bandelier March 2 and another to the University of New Mexico March 3.

Archeologist Charlie R. Steen spent the month at Casa Grande National Monument on ruins stabilization activities.

Interpretive Administration

King attended a meeting of instruction in personnel rating methods. He wrote several letters to persons applying for seasonal and permanent positions with the National Park Service.

Planning (Other than museum)

Statements for the prefaces for the Master Plans of Sunset Crater, Wupatki, and Walnut Canyon National Monuments were prepared in rough draft and sent to the field for suggestions. Fieldmen of the three monuments then prepared the information sections which were edited by King and turned over to the Branch of Plans.

Progress of Exhibit Plans and Projects.

King visited Bandelier National Monument on March 2 and inspected the excellent paintings prepared by Mrs. Paulita Velarde Hardin for the pueblo government case in the museum there. Kodachrome pictures were taken for the Southwestern Monuments Association.

Discussion was had with architects regarding the proposal to rehabilitate a small building at Gran Quivira for use as an interpretive and office station.

Cooperative Activities

Additional progress was made toward obtaining an appointment as collaborator for a noted anthropologist and historian.

Copy negatives were made of a series of photographs by Custodian James Brewer of Navajo showing the steps in construction of a Navajo Hogan, and prints of these copy negatives sent off to Dr. Ruth Underhill of the Education Department of the United States Indian Service. Dr. Underhill plans to use them in a forthcoming publication on the Navajo Indians.

Region Three Office Loan Library

Accessions for the month totalled 102, consisting of 18 books, 3 reports, 51 pamphlets, and 30 periodicals.

King rearranged the current periodical file.

Books received were:

Peterson, Virgil V., ed,
1946 Brand Book. The Westerners

Wellman, Paul I.,
Death on Horseback

Haile, Berard
Head and Face Masks in Navajo Ceremonialism
Prayer Stick Cutting in Five Night Navajo Ceremonial
of the Male Branch of Shootingway
Navaho Sacrificial Figurines

Armstrong, Margaret
Field Book of Western Wild Flowers

Shimkin D. B.
Childhood and Development among the Wind River Shoshone
Wind River Shoshone Ethnogeography

Gifford, E. W.
Californian Shell Artifacts

Young, Stebbins and Hylander
The Human Organism and the World of Life, W. D.
Education Manual No 495

MacCurdy, George Grant
The Coming of Man

Bean, Robert Bennett
The Races of Man

Greenman, Emerson F.
The Younge Site

Conservative Institutes

Additional programs are made toward obtaining an appropriate or collaborative for a value independent gift and elections.

Key negotiations were made of a series of [illegible] by [illegible] Grover Grover of Texas during the years in [illegible] of 1 Texas Dogan, and points of those very [illegible] each of [illegible], [illegible] Bill of the Education Department of the United States Labor Department. Dr. Patterson plans to use this in a forthcoming publication on the Texas Indians.

Texas Town-Cities Area Library

Looking for the above original gift, excluding of 12 years, 3 months, 31 [illegible], and 30 [illegible].

[illegible] interested the [illegible] [illegible] file.

Book reviews, [illegible]

[illegible], Virgil [illegible], ed.
[illegible] Road Book. The [illegible]

[illegible], Joel [illegible].
[illegible] on [illegible]

[illegible], [illegible]
[illegible] Two-[illegible] to [illegible]
[illegible] during [illegible] [illegible]
of the [illegible] [illegible]
[illegible] Institutes

[illegible], [illegible]
[illegible] of [illegible] [illegible]

[illegible], [illegible] E.
[illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible], [illegible]
[illegible] [illegible]

[illegible], [illegible] and [illegible]
[illegible] [illegible] [illegible] [illegible] of [illegible], [illegible]
[illegible] [illegible] [illegible]

[illegible], [illegible] [illegible]
[illegible] [illegible]

[illegible], [illegible] [illegible]
[illegible] [illegible]

[illegible], [illegible] E.
[illegible] [illegible]

Southwestern Monuments Association

Treasurer Alan Vedder worked 22 days, which is the greatest number of any month he had held the position. This was due to increased work, such as preparing purchase orders to stock headquarters for mail sales, checking old invoices and purchase orders, posting journals, checking donations, posting turn-ins, etc. A total of 510 covers were mailed including 21 letters, 78 purchase orders, 1 disbursement, and 2 deposits including 57 items.

Page proof for an Association pamphlet on Montezuma Well was sent to the printer March 22.

Copy was prepared and sent to the printer for the Association's first mailing which is expected fairly early in April.

The Director of the National Park Service accepted the deed for the Hubbard property near Aztec Ruins National Monument, which was tendered to him by this Association.

Display cases were finished for Tumacacori and White Sands, and the former was delivered before the end of the month.

The Association received a donation of 4,750 stencils from a local publisher, and employed a clerk to place these in order.

During the month the Association continued to donate postage so that the Regional Office could answer informational requests and letters of application for employment.

Because the Association will list subscriptions for New Mexico Magazine, the editor kindly placed all of the national monuments in New Mexico on his free mailing list.

Ruins Stabilization

Steen continued work of repointing and capping walls at Casa Grande with caliche. He experienced difficulty in excavating caliche on the monument, but was able to make arrangements to obtain a good supply from the Arizona State Prison in Florence. He expects to complete the Casa Grande work and return to Santa Fe the second week in April.

Aid to Administrators

Regional Archeologist Erik K. Reed and King visited the University of New Mexico March 8, conferring with Anthropologists Hill and Reiter and Comptroller Popejoy regarding the proposed exchange of university lands in Chaco Canyon National Monument. General agreement was reached on most matters, and this long-delayed project appears to have a chance for consummation.

Discussions were had with a salesman for a duplicating machine which perhaps can be purchased for the Regional Office.

Southwestern University Association

Throughout this Summer weekend 12 days, which is the greatest number of day which is had into the position. This was done to increased work, with an preparing increase orders to stop headquarters for mail which, handling all business and purchase orders, getting Chemists, checking donations, getting Summons, etc. A total of 324 orders were billed including 21 letters, 73 purchase orders, 1 Advertisement, and 3 dynamic indicator of issue.

Also great for an association purchase in Chemistry this was sent by the printer June 22.

Copy was prepared and sent to the printer for the Association's first mailing which is expected fairly early in April.

The Director of the National Jail Service accepted the deal for the Summer property near Lake Elsie Wilkins Summers, which was received as sent by this Association.

Copies were filed for Department and White Cross, and the Center was delivered before the end of the month.

The Association received a donation of $1.00 annually from a local publisher, and engaged a clerk to clean Sunday in April.

During the month the Association continued to insure people so that the National office could answer informational requests and letters of application for employment.

Because the Association will lose substantions for the union operation, the editor finally placed all of the original documents in the Station in his fire resisting file.

Note Publications

Final editorial work of revisiting and editing only or less drawn with mailing. The operations difficulty in suspending matter on the account, but was able to make arrangements to obtain a good supply from the Latham Plain Citizen in Clarence. We expects to complete the task Drawn work and return to Bath by the second week in April.

Jail to Jail-Letters

National Correspondence Jail 2, Cell and Jail visited the University of Ann Arbor, and 2, corresponding with Correspondents Bill and Walter and Correspondence Jailing regarding the proposed economy of activity Jail to Cell Jail Letters Jailed Jail. Several arrangements are pending on work matters, and this Long-Jailed project appears to have a chance for successfully.

Investigation work has with a minimum for a Jailing matter with perhaps can be produced for the Jailed Office.

Projects for April

King will be in the office on routine matters, including reports, editing, and handling the Association mail.

Steen will return about April 5 and spend most of the month in the office.

(SGD) DALE S. KING

Dale S. King,
Naturalist.

Approved for Distribution _____, April 8, 1948.
Acting Regional Director.

cc: Mr. Dodge.
Monument Circulation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Arches
NATIONAL MONUMENT
Moab, Utah

March 27, 48
19

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of March, 1948:

GENERAL: Extremely cold and stormy weather has been the rule throughout the month and the travel has been down to a minimum due to snow and slick approach roads. This has been the coldest March this country has experienced for many years.

TRAVEL: A total of 43 cars and 133 people visited the area during the month, with representation from Arizona, California, Colorado, Idaho, Illinois, Michigan, New Mexico and Utah. The bulk of the travel was from Colorado, Idaho and Utah.

INTERPRETIVE SERVICES: Two guided trips were taken during the month into the Devils Garden, Windows and Courthouse Towers sections with 4 people. Twenty six visitors were contacted at headquarters and 17 people in the Windows section. One hundred and sixteen people visited the Windows section unattended. Fourteen requests for information were received and answered during the month.

WEATHER: Snow fell on February 28th and March 2nd, 3rd and 4th with rain on March 19th and 20th. Cold winds blew intermittently all month and freezing temperatures were experienced each night until March 20th.

PRIVATE LANDS: The Abstract of Title and Warranty Deed, covering the purchase of the Turnbow property, was submitted to Regional Office for action.

NATIONAL PARK SERVICE VISITORS: Landscape Architect Alleman of Region Three Office arrived at the monument on March 8th. We spent from the 9th to the 13th on the inspection and alignment of roads being constructed by Grand County and looking over various sites for trail construction in the vicinity of Delicate Arch.

NEWSWORTHY VISITORS: Mr. Jack Breed, photographer from Tucson, Arizona

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Lassen
NATIONAL MONUMENT
Mineral, Calif.

March 27, 1941

Superintendent
Yosemite National Park, California

Dear Sir:

Herewith is a narrative report for Lassen National Monument for the month of March, 1941:

GENERAL: Extremely cold and stormy weather has been the rule throughout the month and the travel has been down to a minimum due to snow and slick roadway roads. This has been the coldest March this country has experienced for many years.

VISITORS: A total of 63 cars and 183 people visited the area during the month, with representation from California, Colorado, Idaho, Illinois, Indiana, New Mexico and Utah. The bulk of the travel was from Nevada, Idaho and Utah.

INTERPRETIVE ACTIVITIES: Two indian trips were taken during the month into the Devils Garden, Hawkins and Cinchbugs Tower sections with 4 people. Twenty six visitors were conducted on Ranger-tours and 17 people in the Nature section. Two lectures and sixteen people visited the Nature section unattended. Fourteen requests for information were received and answered during the month.

WEATHER: Snow fell on February 27th and March 2nd, 3rd and 4th with rain on March 11th and 20th. High winds blew intermittently all month and freezing temperatures were experienced each night until March 27th.

PUBLIC LANDS: The Dishman of Title and Warranty land, covering the portions of the Harmon property, was submitted to Regional Office for action.

NATIONAL PARK SERVICE VISITORS: Landscape Architect Gilman of Region Three Office arrived at the monument on March 8th. He spent from the 9th to the 13th on the inspection and alignment of roads being constructed by Grand Canyon and Zion and helping over various cities for trail construction in the vicinity of Defiance Park.

DISTINGUISHED VISITORS: Mr. Jack Dwyer, photographer from Phoenix, Arizona

stopped by on March 11th to advise me that he would pay another visit to Arches during May or June.

Josef Muench, photographer from Santa Barbara, California, visited the area in company with Harry Goulding of Monument Valley on March 13th, 14th, 15th and 16th. He covered the Devils Garden, Delicate Arch, Windows and Courthouse Towers and was so well pleased with the possibilities of the area that he plans to return in April for further work.

GENERAL PUBLICITY: The Utah State Department of Publicity and Industrial Development held a showing of colored movies at Moab on March 24th. Included in one subject "The Crimson Cliffs", were several shots of the features of Arches and Natural Bridges National Monuments, as well as features at Deadhorse Point and Monument Valley. They have 25 duplicates of this picture being shown throughout the United States and it will certainly go far toward publicizing Southeastern Utah.

COOPERATING GOVERNMENTAL AGENCIES: Very little was accomplished on road construction by Grand County during the month. Extremely cold and stormy weather made construction very difficult. About 1 mile of the Delicate Arch spur has been roughed out with the bulldozer leaving approximately 1½ miles yet to be constructed. Most of the heavy dozer work has been done on this spur and the balance should go fast. The grader has the Devils Garden spur in good shape, with the exception of the last 3/4 mile which is in shale and has been to wet to finish. One trip was made by the grader over the portion from the Balanced Rock to the top of the switchbacks and ditching was completed on one side. Surfacing has been stockpiled for use on the Devils Garden spur. The crew left the job on March 13th to accomplish much needed maintenance work on various county roads and it is hoped that they will be available to finish the monument roads by April 5th. It is possible to reach the Turnbow cabin via the new road by using the Salt Valley Wash for part of the distance. The Devils Garden spur is impassable for visitors due to a stretch of about 150 feet of heavy sand that has drifted into one of the cuts. It is hoped that the use of snow fence will eliminate this trouble.

SPECIAL ACTIVITIES: On March 1st I accompanied the three Grand County commissioners on a trip over the new roads being constructed to the various sections of the monument. They were very enthusiastic over the work accomplished to date.

ROADS: The state maintenance crew spent 5 days on the maintenance of the Windows approach road during the month. It was graded on February 27th and 28th, but storms shortly thereafter washed out several short sections and it was in poor condition until March 17th, when they spent three days in putting it back in shape. It is now in fair condition.

shipped by on March 11th to advise us that he would pay another visit to Arches during May or June.

Josef Muench, photographer from Santa Barbara, California, visited the area in company with Harry Buckley of Monument Valley on March 13th, 14th, 19th and 20th. He covered the Devils Garden, Delicate Arch, Windows and Courthouse Towers and was so well pleased with the possibilities of the area that he plans to return in April for further work.

GENERAL PUBLICITY: The Utah State Department of Publicity and Industrial Development has a showing of colored movies at Moab on March 24th. Included in the subject "The Friendly Utah", are several shots of the features of Arches and Natural Bridges National Monuments, as well as features at Dead Horse Point and Canyon Valley. They have 24 duplicates of this picture being sent throughout the United States and it will certainly go far toward publicizing Southeastern Utah.

CONDITIONS IN SOUTHEASTERN MONUMENTS: Very little was accomplished on road construction in Grand County during the month. Extremely cold and stormy weather made construction very difficult. About 1 mile of the Delicate Arch road has been regraded and with the bulldozer leaving approximately 15 miles yet to be constructed. Most of the heavy work has been done on this road and the balance should go fast. The greater portion of the Devils Garden road is in good shape, with the exception of the last 1½ miles which is in clay and has been so wet it failed. One trip was made by the ranger over the portion from the Courtesy Hut to the top of the switchbacks and difficulty was experienced on one side. Work during the month was spotted in two on the Devils Garden road. The road into the Arches Park to accomodate such vehicles as may be available to finish the remaining roads and it is hoped that they will be available to finish the remaining roads by April 5th. It is possible to reach the Turnbow mesa via the new road by using the Salt Valley Park for part of the distance. The Devils Garden road is impassable for visitors due to a stretch of about 100 feet of heavy sand that has drifted into one of the curves. It is hoped that the use of some funds will eliminate this trouble.

SPECIAL ACTIVITIES: On March 1st I accompanied the three Grand County officials on a trip over the new roads being constructed to the various sections of the monument. They were very enthusiastic over the work accomplished to date.

ROADS: The state maintenance crew spent 3 days on the maintenance of the Arches approach road during the month. It was graded on February 27th and 28th, but stormy shortly thereafter ended any further work. The road is now in poor condition until March 17th, when they spend three days in putting it back in shape. It is now in fair condition.

MAINTENANCE: Merle E. Winbourn of Moab, Utah was entered on duty as Laborer, Leadman on roads and trails maintenance on March 4th. He was laid off on March 5th, pending approval of employment papers, but hope to have him back on the job April 1st.

The 3 KW power unit ceased functioning again during the month. It was found that two valve springs had broken this time, it seems to have a weakness for breaking valve springs. It was repaired and again in operation on March 24th.

The water installation at the Windows parking area was opened for the summer on March 26th. The drinking fountain, etc was set-up and the tank filled by hauling water from headquarters.

Funds have been made available for the reroofing of the warehouse. It is hoped that this job can be completed during the coming month.

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip.)

Page 2, Arrow Serv. Sys., March, 1948.

MAINTENANCE: Harry L. Williams of Ind., who was entered on duty as Laborer, Janitor on roads and trails maintenance on March 6th. He was laid off on March 8th, pending approval of employment papers, but has to have his hour on the job April 1st.

The 3 KW power unit needed installing again during the month. It was found that two valve springs had broken this time, it seems to have a weakness for breaking valve springs. It was repaired and again in operation on March 24th.

The water installation at the airdome parking area was opened for the season on March 26th. The Utility Foreman, who was serving as the tank filled by hauling water from Independence.

Funds have been made available for the repainting of the warehouse. It is hoped that this job can be completed during the month.

(in trip.)

Harold L. Brown
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 March 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Aztec Ruins for March 1948.

WEATHER: The weather has been cold and brusque during most of the month with the last few days tempering toward Spring. Travel has reacted accordingly with a recent increase in visitation.

MAINTENANCE. The clearing of brush around the recently acquired Hubbard Mound has been commenced,

The Chaco Canyon crew has taken all of the usable logs from the roof of the small covered kiva "E" for treatment at Chaco. When the job is completed they will be returned for use at Aztec.

The water system is being worked on during spare time, at the residence, the museum and at the well site. The heating unit on the hotwater tank had become completely filled with lime deposits and was replaced. The waste disposal from the residence was cleaned, the sewer pipes having become completely occluded.

SPECIAL ACTIVITIES. The Custodian presented a talk on the National Park Service, illustrated by the Carlsbad film and the Four Corners film to a local organization March 15. These films are certainly appreciated by all who are able to enjoy them and we wish there were more time, as well as more pictures for presentation.

On a recent day off the Custodian and Mrs. Townsend enjoyed an aerial visit to Hovenweep, Natural Bridges, Monument Valley, Rainbow Bridge, Marble Canyon, Zion National Park, Bryce, Canyon de Chelly and Chaco Canyon. There is ceratinly much rough country one misses(or doesnt miss)while taking this circuit.

TRAVEL. There was a decrease this month of 100 visitors as compared to March 1947. This month we had 330 visitors in 104 cars from 23 states and Hawaii.

VISITORS. H.A. and Mrs. Powers and family, Park Naturalist, Hawaii National Park, visited March 20. They expressed considerable regret at not being able to get into Mesa Verde because of snow, altho they drove up to the entrance.

Interpretive Services. Of the 330 visitors in 89 trips who enjoyed our museum there were 218 in 60 trips conducted thru the ruins.

Irving D. Townsend
Irving D. Townsend,
Custodian.

AZTEC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 29, 1948

Memorandum for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of March, 1948.

Weather

In this year of record weather another one was broken during this month. The low of -6 degrees on the 11th. is the lowest temperature recorded during March since weather records have been kept in this area. The high of 72 degrees on the 23rd. thawed us out some, however, and we began to think that spring might arrive here after all. There was a total of 9.7 inches of snow during the month and 1.23 inches of moisture.

Special Activities

The Custodian continued to spend much of his time in the office on clerical duties. Mr. U. D. Walker, Artesia, N. Mex. was selected to fill the clerks vacancy but he declined after some delay which still leaves us short handed.

Roads and Trails

It was necessary for the maintenance crew to spend a good deal of time on the approach road to keep it passable after the snow started to melt off. Ditches were opened, water was diverted from the road and culverts were opened to help to take care of the runoff. A few windy days helped to dry out the road and by the end of the month it was in fairly good condition.

The section of trail below the lower falls in Frijoles Canyon that was cleared of rock earlier this year was surfaced with dirt and gravel.

Work was begun on the repair of the trail bridges on the trail to Ceremonial Cave. Practically all of the timbers are having to be replaced.

Work had been completed on the overhauling of the diesel patrol grader by the Atomic Energy Commission at Los Alamos, N. Mex. but there will be a delay in puting it in use because of the necessity of ordering some missing parts.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

March 27, 1942

Superintendent
Carlsbad Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of March, 1942.

Weather

In this year of record weather another one was broken during this month. The low of -6 degrees on the 16th. is the lowest temperature recorded during fifty nine weather records have been kept in this area. The high of 72 degrees on the 23rd. followed so rapidly, however, and we began to think that spring might arrive here after all. There was a total of 3.7 inches of snow during the month and 1.87 inches of moisture.

General Activities

The Navajoan continued to spend much of his time in the office on clerical duties. Mr. V. G. Miller, Ranger, U. Van. was assigned to fill the clerks vacancy but he declined after some delay which leaves us short handed.

Roads and Trails

It was necessary for the maintenance crew to spend a good deal of time on the approach road to keep it passable after the snow started to melt off. Culverts were opened, water was diverted from the road and culverts were opened to help to take care of the result. A few windy days helped dry out the road and by the end of the month it was in fairly good condition.

The service of trail below the Lower Falls in Frijoles Canyon that was damaged by snow earlier this year was surfaced with dirt and gravel.

Work was begun on the repair of the trail bridges on the trail to Ceremonial Cave. Practically all of the stringers are having to be replaced.

Work has been completed on the overhauling of the diesel plant, owned by the Atomic Energy Commission at Los Alamos, N. Mex. We have been asked to assist in repairs in the absence of the necessary of repairs some missing parts.

Bandelier National Monument

Interpretation

Of the 397 visitors to the Monument, 258 visited the ruins in 54 parties. An average of 70 minutes was spent with each party. A total of 118 persons were guided through the museum and 300 in all visited it but their stay was short due to the cold.

Museum Activities

Mrs. Pablita Velarde Hardin, artist from Santa Clara pueble, has finished the paintings for the museum case on Indian government and has started on the paintings for the case on Seasonal Ceremonies. Some difficulty was experienced with painting some of the figures on glass but after experimenting with fingernail polish as a base the paint went on successfully.

Photographer Haynes spent one day at the Monument taking color photographs of Mrs. Hardins paintings. Almost without exception they came out very nicely.

Travel

The very poor road conditions during most of the month limited the visitors to 397, which is a little less than half as many as for the same period last year. This reduced the total for the travel year from a decided increase to about the same as last year. However the few good days at the last of the month showed an up surge of visitors that indicates that we will have our hands full as soon as the weather does warm up a little more.

Concessioners

Concessions operator, Mrs. Frey, returned to the Monument and began preparations for opening the Frijoles Canyon Losge on the first of May. Some consideration was given to opening the coffee shop on week ends during April but this will depend on warm weather since the building is too cold under present temperatures.

Inspections

Archeologist Reed made an inspection of the proposed road location, to be constructed by the Atomic Energy Commission, in Sandia Canyon. No archeological sites were found to be visible on the surface of the ground.

Mr. Jesse Nusbaum, accompanied by Mr. Vas Dias visited the area on the 22nd.

Miscellaneous

Arrangements were completed with the Atomic Energy Commission at Los Alamos to secure six expandable trailers, two of which will come to this area, and four will be distributed to other monument areas. This will improve considerably the housing problem for seasonal personnel.

Fred W. Binnewies
Custodian

CANYON DE CHELLY NATIONAL MONUMENT
Chinle, Arizona

March 26, 1948

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during the month of March, 1948.

General

A resolution adopted by the Navajo Tribal Council on March 20, 1948 to control prices and collect rental fees based on percentages of gross sales is causing considerable furor among the traders and Navajo indians. It will directly affect the operation of our operator at Canyon de Chelly, and indirectly the administration of this National Monument.

Weather

Although only .71 inches of moisture were registered here, the surrounding area received much more. Storms have kept the Ganado road in almost impassable condition the early part of the month. Minimum temperatures have averaged lower than normal with a low of 12 degrees. Maximum temperatures were mostly below 45 degrees but have been rising steadily the latter part of the month and have shown a high of 68 degrees.

Administration

A trip was made to Santa Fe to discuss concession affairs on March 24. Eight hours of annual leave were taken in order to accept delivery on a new Chevrolet sedan. A trip was made to Gallup, new mexico on February 26 to return USI- 31791 which had been undergoing repairs.

Maintenance

The bad weather has held up starting minor repairs on quarters but has necessitated considerable work on roads. We have kept them fairly smoth with the old piece of iron we use as a drag and have filled some of the worse holes on our approach. The Indian service grader made one trip over from Chinle. Spring cleanup and checking and repair of tools has been carried on at spare moments.

Travel

Travel figures fell far below those of past years due, in a large part, to the road conditions and disagreeable weather.

Only 25 visitors were counted arriving in six cars. Two parties comprised of eight visitors were conducted to White house overlook. A total of four hours was spent in guide and contact work.

[illegible] OF MINIST NATIONAL [illegible]
Dakin, Africa

[illegible] 23, 1944

[illegible] for the Imperial Interior, Dakin Ukra.

The following is a report on activities as [illegible] Daily National Assembly during the month of March, 1942.

[illegible]

A resolution adopted by the Dakin Tribal Council on March 23, 1944 to control prices and collect rental fees failed to garnering of [illegible] majority required under the Tribal and Dakin Indian. It will directly affect the operations of our quarter at Dakin. [illegible] the administration of this National Assembly.

[illegible]

Although only 4.1 inches of moisture were registered here, the [illegible] were received much more. Farmers have kept the [illegible] in almost impossible condition the early part of the month. Children temperatures have averaged lower than normal with a low of 32 degrees. Maximum temperatures were mostly below 68 degrees but have been rising steadily the latter part of the month and have shown a high of 84 degrees.

[illegible]

A trip was made in March to discuss community affairs on March 24. Eight hours of annual leave were taken. In order to accept delivery on a new Dodge vehicle. A trip was made to Dakin, see [illegible] Secretary of the [illegible] which had been [illegible].

[illegible]

The [illegible] has been [illegible] minor repairs on quarters but has neglected considerably much of [illegible]. We have kept [illegible] with the old plows of Iron [illegible] and have [illegible] of the [illegible] in our [illegible]. The Dakin service [illegible] was [illegible] from [illegible]. Spring cleaning and [illegible] and repair of [illegible] have been carried on at [illegible].

[illegible]

Travel figures [illegible] for Dakin [illegible] of past years [illegible], is a large part, to the [illegible] and [illegible].

Only 23 visitors were received during the month. The [illegible] consisted of eight visitors were [illegible] to [illegible] [illegible]. A total of [illegible] was spent in [illegible] and [illegible].

Publicity

I received word from Dr. Thomas B. Noble of Indianapolis that his book titled "Camera and Cliff dweller" would be published this month. He stated that Canyon de Chelly was the central location.

Postal Service

Mrs. Emma Guillet, the wife of the custodian, has assumed the duties of postmistress at Chinle. For the first time in two or three years I can now be confident of receiving my mail before it first makes the rounds of the reservation.

Government Publications

2-fold leaflets.....	1690
Glimpses of N.P.....	20
Map folders, SWNM.....	120
Mimeographed leaflets, CDC ...	400
Map Folder No. 6	300

Meredith M. Guillet
Custodian

Publicity

I received word from Mr. Thomas E. Willis of Indianapolis that his news edition "Sports and CLIP Bowling" would be published this month. He stated that Dayton is likely was the central location.

Postal Service

Mr. Jim Collier, the wife of the president, has assumed the duties of postmaster or clerk. For the first time in two or three years I can now be confident of receiving my mail before it first enters the hands of the receptionist.

Government Publicity

E-Mail Inquiry.....	100%
Mailings of B.C.....	50%
Top Volume, CBBB.....	100%
Discounted Inquiries,...	60%
Top Volume No. 2	50%

Respectfully submitted,

Gerald E. Willis
Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

ADDRESS REPLY TO
THE SUPERINTENDENT

Capulin, New Mexico
March 31, 1948.

Memorandum for the Regional Director
Region Three National Park Service
Santa Fe, New Mexico

There follows a report of the activities in and around Capulin Mountain National Monument for the month of March, 1948.

Just about one hundred fifty visitors were at the Volcano during March, 1948, bringing the total visitors of the travel year to date to 5,400, and travel for the fiscal year to date to 24,900. There were no special visitors during the month.

Roads on the Monument have been maintained in fair condition up to within one half mile of the top of the volcano, but the last half mile has been covered with from two to six feet of snow almost the entire winter until the last few days. The snow has been melting and the custodian has removed some of it. Only yesterday was the road opened and passable all the wgy to the top.

The weather, same as last month, has been the chief topic of conversation for the people of the community. 87½ inches of snow has been officially recorded during the past four months, and some traces of rain. A low temperature of 25 degrees below zero was recorded for the first part of this month. Thirty four different days during the past winter the thermometer has been below zero. The lowest reading was in February, 28 degrees below zero. However, spring has arrived all at once, and the snow is all gone except in drifts and we now have a temperature reading, high, 50, low, 24 for the past day or so.

As yet the state has been too busy pushing snow from the main travel arterias to give any attention to the half mile spur between our Monument and Highway 64, but we surely hope to get this graveled during April.

Very respectfully,

Homer J. Farr
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

March 25, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for March, 1948.

General: A new radio station is being built in Coolidge and should be ready for operation about the first of June. They have been looking for a slogan and someone has suggested "Located near Coolidge, Arizona, the home of the Casa Grande Ruins". With this being sent out over the airways morning and night, it lookslike we aregoing to get some high pressure advertising, whether we like it or not. With our pump now drawing water from the 140 foot level, instead of the 102 foot level we feel much safer and are'nt worrying too much about running out of water for another year at least.

Weather: A faint hint of what is coming this summer in the way of heat was experienced on the 13th with a temperature of 82 being registered. Low minimum for the month was 24 with a high of 52. .20 inches of rainfall were measured.

Visitors: March 1948-4355 : March 1947- 4193: Travel year to date- 1948 24,775 : Travel year to date- 1947 22,082. This is a drop from February totals but is an increase of 162 over March of Last year. For the tenth consecutive month our records show an increase in travel and for the past three months we have been in the 5000 per month category. Records issued by the Chamber of Commerce indicate that there is now no lack of accomodations for winter visitors and there is a drive on to get the visitors here earlier in the season and to keep them here longer.

Interpretive Services: Of the 4355 visitors to the area, 3112 made the ruins trip in 202 groups, averageing 51 minutes per trip. 2819 made the museum trip in 189 groups averageing 28 minutes per trip. 1243people visited the area for a quick look but did not make the ruins trip.

Maintenance: With the aid of the Indian Service Irrigation crew the suction cylender on the pump was lowered to 140 feet in the well. 3/5 of the old wooden storage garage was torn down, the lumber and tin cleaned of nails, and piled in the truck ready for moving away. Shutters and windows in quarters # 6-3 and in the pump house were painted. The pressure air line in the pump house was replaced and changes in valve arrangements made. A new twelve drawer work bench was built in the pump house. The barrow pits were cleaned out along the approach road. The boundry fence was checked and "No Hunting" signs were

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

March 27, 1944.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for March, 1944.

General: A new radio station is being built in Coolidge and should be ready for operation about the first of June. Day before yesterday a driver and observer for a suspected "Axis" spy visited, unknown, the home of the Casa Grande Ruins". With this being sent out over the airwaves morning and night, it looks as everything is put upon high pressure advertising, whether we like it or not. With our pump now draining water from the 140 foot level, instead of the 105 foot level we had such difficulty and worry trying too much during pumping for of water for another year at least.

Attendance: A fair idea of what is causing this amount in the way of heavy use experienced on the 16th with a temperature of 85 being registered. The minimum for the month was 24 with a high of 85. .60 inches of rainfall was received.

Visitors: Paid 1942-43 : March 1943- 4171: Travel year to date- 1942 4,771 : Travel year to date- 1947 10,,. This is a very conservative total in an increase of 138 over month of last year. For the month February we had remarks from a Chicago to travel and the park rates worth as high as the 5000 per month estimate. Should listed by the Chamber of Commerce indicate that there is one or lack of accommodations for winter visitors and there is a drive on to get the visitors here earlier in the season and to stay this side longer.

Interpretive Services: Of the 4,771 visitors to the area, 2,13 made the round trip to the ruins, averaging 21 minutes per trip. 2,13 made the museum trip in 1,2 average averaging 14 minutes per trip. 1,40 visited the area for a quick look but did not make the round trip.

Maintenance: With the aid of the Indian Service Irrigation crew the mechanism cylinder on the pump was lowered to 147 feet in the well. 3/4 of the old wooden rotorigs pump was torn down, the lumber and the diesel of extra, and piled in the trees ready for moving away. Shutters and windows in vacuum 1 4-d and in the pump house were painted. Underground air line to the pump house was replaced and changed to valve arrangements made. A new heavy duty water mains was built in the pump house. The electric lights were cleaned and along the approach road. The boundary fence was repaired and "No Hunting" signs were

put up. The electric range in quarters 2-4 has been causing much trouble and considerable time is spent keeping it in working order until it can be replaced, the needed parts are unobtainable. The roofs were checked again after the rains and were patched where needed.

Ruins Stabilization: Archeologist Steen and his crew have almost completed the thick first coat of caliche cap on the walls and have gotten a good start with the last thin coat of caliche which they are painting on with brooms. They were forced to lay off several different days due to the rains but worked the following Saturdays to keep on schedule. They expect to finish up in the first week of April. Laborer Leadman Woodruff had an attack of some type one morning and was off the remainder of the day but has been on the job ever since and feels fine.

Administration and Protection: Assistant Regional Director Davis and Chief Clerk Castellum were here March 3 to go over administrative matters. Signs were put up at the Adamsville Site for the protection of the area.

Trips Taken: February 25 & 26, Mechanic Stonehocker was at Organ Pipe Cactus National Monument, February 27 and March 5 he was in Phoenix for repair parts. On March 8 Custodian Bicknell went to Tuscon to see Mr. J. D. Rockefellow Jr. and on March 13 he went to Phoenix on Monument business.

NPS. Visitors and Visitors of Note: On February 27 Ranger Wilde of Saguraro and Mr. Frost visited the area to pick up equipment. March 3 General Operators Byrum C. Woller and Marvin O. Boulten of Big Bend picked up the International Tractor. March 8 Custodian and Mrs. Sharpe of Tonto brought in the pickup and light plant for repair.

Mechanics Activities: General Repairs were made to the following equipment:

Area From.	Equipment.
Organ Pipe Cactus	Road Grader
Saguaro	Chevrolet Pickup Light Plant
Casa Grande	Chevrolet Pickup Well Pipe and Repairs
Big Bend	International Tractor

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

Mechanics Activities Continued:

Area.	Equipment.
Tonto	Dodge Pickup Light Plant Dump Truck
Region Three	Concrete Mixer.

Leaves Taken: Maintenanceman Bernett Took one day of sick leave on March 1.

A.T. Bicknell,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

March 26, 1948

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of March, 1948.

There were no visitors to Chaco Canyon this past month due to the condition of the roads. Old timers state that this past was one of the longest drawn out and wettest winters in their recollection. The roads have been a sea of mud. A trip to the highway took hours instead of minutes. The roads seemed at times as if they had no bottoms. In regard to this, the Farmington Chamber of Commerce and many business men have been kept informed. In part concerning the roads, the Secretary of the Chamber made a trip to Santa Fe and was promised that improvement of the Chaco road situation would be made by the State Highway Department. Therefore, the bad roads of the past winter, may prove a blessing in the long run.

The Custodian took annual leave, expected to be gone about eight days, but unusual weather conditions were encountered, also, sickness in the family. He was gone a total of 22 days!! Gordon Vivian was acting custodian in the interim, and as is usual with Gordon, he made an excellent job of it.

The coldest this month was 9 degrees Fahrenheit on the 12th of March, and the warmest was 68 degrees on the 23rd of the month. The total precipitation was .71 of an inch.

The tree planting program was delayed one week by the condition of the roads. However, in the past few days, the trees have been brought in from Bernalillo, and the planting is underway now.

Several days were spent this month in preparations for the Soil and Moisture program. The truck was put in shape for the trip, the tools were sharpened and the like. Also, several days were spent repairing the roads.

On a number of occasions this month, livestock have been driven off the Monument when they were near the fence. Nevertheless, those on the interior of the area were not driven off because of the lack of a horse.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Cabrillo National Monument

San Diego, California

March 22, 19[illegible]

Superintendent, Cabrillo National Monument,
San Diego, California.

Dear Sir:

Enclosed for the regional director, Region Three, National Park Service.

Enclosed also the monthly report of activities in Cabrillo National Monument for the month of March, 19[illegible].

There were no visitors to Cabrillo National Monument this month. All flowers were the lowest form and were seen in their previously. The people have been a use of rail. A lily in the highway has been visited at minutes. The weeds lasted at times as if they had an bottom. In regard to this, the practicing director of Cabrillo and many visitors has been duly informed. In prior mentioning the fence, the operatedly of the Cabrillo site a city in Cabrillo by and was planned that improvement of the fence and attempting would be made by the Cabrillo Building department. Therefore, the bad weeds of the past month, may prove a blessing in the long run.

The contractor took annual leave, expected to be gone about eight days, but unusual weather conditions were encountered, plus, attention to the Fenlly. In one month a total of 42 days. Cabrillo Site was doing something in the library, and he is model with Cabrillo, in book-publishing job of it.

The visitors this month was [illegible] increased on the 12th of March, and the increased was 22 days on the 22nd of the month. The total visitation was [illegible] of 42 in 1963.

The tree planting program was delayed 1st week by the condition of the weather. However, in the past few days, the trees have been brought in from Cabrillo, and the planting is temporary now.

Several days were spent this month in preparations for the Fall and Winter program. The trees are put in shape for the step, the trees are prepared and the lily. Also, several days were spent repairing the trucks.

In a course of measures this month, interpretive talks have taken out the [illegible] that they were into the tunnel. Particularly, there on the interior of the area were the Aztecs and Yesterday of the land of a house.

The Trading Post was repointed. The Operator believes that the job was well worth the money spent for he figures that he will save one fifth to one fourth on his fuel bill. The number of rugs taken in this month nearly doubles that of any month recently. The sales are still holding up, too. He has contacted a Navajo silversmith who is to make jewelry for the Trader this year. If he can arrange it, the Operator wants to place the Navajo working in the store building where the visitors can watch him.

Projects for the ensuing months:- continue the tr e planting; be in the painting and building repairs again; get the roads i shape; caulk and correct the water tank and get ready for the summerv sitors.

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

The fueling dock was inspected. The operator believes that the job was well worth the money spent for he figures that he will save one fifth to one fourth on his fuel bill. The number of boys taken in this month brought dollars into my media pocketbook. The sales are still holding up, too. In the afternoon I drove riverside who is to make jewelry for the Dunbar this year. If he can arrange it, the Operator wants to place the Fredie working in the store building where the visitors can watch him.

Jerry for the morning workers continue the painting, and building repairs which we hope to finish. Jerry finds and repairs the water line and get ready for the warehouse.

Then follows the report of Commissioner Lewis.

Irving Smith, Jr.
President

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

March 28 19 48

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area for the month of March 1948.

This is the year that March came in like January. As a result of continued freezing nights, snow and wet conditions in the ruins, repair was not resumed at Chettro Kettle as planned for the last half of month.

The crew consisted of the archeologist, archeologist aide ande one Navajo employed as needed.

Some of my time was taken up with routine Monument administration during the absence of the Custodian March 2nd to 23rd. Two patrols were made through the central part of the Monument. None to detached sections. One and a half days leave were taken on the 25th and 26th.

Roads were in bad shape most of the time. When they were half passable 12 truck trips were made out -- one to Thoreau in the early part of the month and three later to Gallup to pick up freight and the 200 sacks of cement recently contracted for.

To the north two trips were made to Blanco Post, two trips to Farmington for gasoline which the contractor refused to deliver because of road conditions, one to Durango and Aztec for supplies and freight and three to Aztec to haul all of the roof timbers down here for treatment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chaco Canyon

Bloomfield, New Mexico

March 19 1942

Superintendent
Chaco Canyon National Monument.

Here follows the report of Mobile Unit activities in your area for the month of March 1942.

This is the year that March came in like a lamb. As a result of continued freezing nights, snow and wet conditions in the ruins, repair was not resumed at Casamero Pueblo as planned for the last half of month.

The crew consisted of the archeologist, archeologist aide and one laborer employed as needed.

Some of my time was taken up with routine Monument administration during the absence of the Custodian March 2nd to 23rd. Two patrols were made through the central part of the Monument. Once to detached sections. One and a half days leave were taken on the 25th and 26th.

Roads are in bad shape most of the time. When they were half passable 12 truck trips were made out -- one to Thoreau in the early part of the month and three later to Gallup to pick up freight and the 200 sacks of cement recently contracted for.

In the month two trips were made to Blanco Post, two trips to Farmington for gasoline which the contractor refused to deliver because of road conditions, one to Durango and Aztec for supplies and freight and three to Aztec to haul all of the roof timbers down here for treatment.

There are 250 timbers from the small Aztec kiva not counting odds and ends, chinking etc. They've been sorted and decayed parts of the usable ones trimmed out. Of the 250 some 185 will be usable when sound portions of the larger pieces are salvaged. Damage to the timbers appears to be about equally divided between decay from moisture and wood borers of some kind.

A vat of barrel halves welded together was constructed in which 2 to 4 logs at a time are being soaked in the Penta Preservative solution. Sixty have been treated to date.

Some progress was made on the manual. Photographs for stabilization records were assembled and a little typing done on duplicate copies. of the records. A few more pieces of the wood material from Chettro Kettle were put together and the vegetal material returned from the University of New Mexico was sent off again to Ann Arbor.

A fair supply of concrete lintels for future repair work was cast.

Gordon Vivian

G ordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona,

March 26, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is the Monthly Narrative Report of activities at Chiricahua National Monument for March, 1948.

General. The interiors of the three residences were painted, shower room plumbing repaired, campground restocked with fire wood, and routine duties performed during the month. Three official trips were made to Willcox, and one to Rodeo for supplies and freight. One trip was made to Tucson for wage board data and supplies.

Weather. High winds and general cold weather predominated throughout the month. Several light flurries of snow occurred at the higher elevations. Precipitation recorded at headquarters totalled .18 of an inch. Spring water flows on the monument are somewhat better than last year but hardly up to normal. A small stream of water has started flowing past the administrative building in Ryolite Canyon, where none flowed last year. However two years ago and previous there were good flows of water down this canyon for a couple of months each winter.

Inspections. Assistant Regional Director Davis and Chief Clerk Castellum spent the 17th and 18th discussing Chiricahua's various problems and projects.

Maintenance. Due to freezing and thawing there has been considerable rock fall in the roads and trails. Road maintenance has continued throughout the month. The road has been graded and as much of the rock removed and ditches cleaned as time would allow.

Ten man days were spent on the telephone system brushing out the line toward Portal and repairing minor trouble. We hope to be able to complete the line maintenance both to Portal and Sugar Loaf before fire season rolls around.

Our Jefferson-Travis radio is again in operating condition and contact with Saguaro and Organ Pipe Cactus will be resumed.

Approaches to Park Area. The approach roads are in poor condition this month and several complaints were received. The Douglas approach road is under construction for paving and some ten miles is considered "Dangerous but Passable", and the Bowie and Willcox roads need grading

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____, _____

_____, _____, 19__

_____ for the regional director, _____ region

Following is the monthly narrative report of activities at _____ National Monument for March, 1940.

General. The inauguration of the State maintenance camp policies, albeit pole plumbing implied, temporarily satisfied the crew and, and routine duties performed during the month. Three civilian trips were made for visitors, and one to Lodge for supplies and freight. The daily map is taken from the high-water mark and explicit.

Staff. Nine weeks and quarter with weather predominated throughout the month. Several light flurries of snow occurred at the winter elevations. Investigations revealed no backgrounds behind all of us too. Spring water flows on the monument are abundant water has been poor but hardly cause for worry. I would advise at water has reached flooding point the administrative building in Eagles Nest, where most flooded back area. Observe the pump and pipeline there were good flows of water also into the employ the 4 people at months work clothes.

Inventory. Inventory required approximately twenty and four hours. Inventory and time forwarding Fireplace's returns and pilfered.

Maintenance. The 4x Freeway and Quarter Ranch has been constructed over fair in the roads and flight. Road maintenance the original throughout the roads. The road has been graded and as much of the road received and Indian diamond of time would allow.

The new fire alert report on the Salmonson system operating on the line tower during the relighting alone Smokey. It takes to be able to complete the lightning-proof line. Mr. Postal was round last before the season fall crews.

Our Fire-Prevention Posts be built to operation available and report with Ranger and Lodge site Service will be remedy.

Interpretation Lodge site. The supervisor ranger are in good available this month and Service Negotiate with priority. The Douglas squirrel good to early evacuation the parking and note the time is accepted. Temperature not available, and the Lodge and Eagles Nest special

badly. The road over the mountains from Rodeo remains closed and probably will receive no work until sometime in May.

Interpretive Service. 606 persons in 182 parties were contacted in the museum. One auto caravan and two hikes over the trails were conducted.

Travel. Travel fell below that of last year by an even 600 visitors. This is probably due to the poor condition of approach roads and unfavorable weather conditions. Total travel for the month was 838 visitors in 241 cars.

Building Fire Protection. Ten lengths of 1½ inch hose were received and also a fog-nozzil. This hose is to replace our 2½ inch hose which will be shipped to Petrified Forest as soon adapters are received so that the 1½ inch hose will be usable. With this hose distributed to our four fire hydrants we should have quite good building protection.

Water System. The spring reservoir was cleaned out and new screen installed. Meter readings and a study of the water flow in accordance with instructions received from Engineer Lassiter are being continued. Present indications are that the system will take care of all our needs this year. Two Sunday School conventions had to be refused the use of the camp ground last year due to the small flow of water.

Clair V. Cooke,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

March 25, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in El Morro National Monument for the month of March, 1948.

WEATHER: From nine storms during the month we received 31 inches of snow and 1.81 inches of precipitation. Maximum temperature reached 60 degrees and the minimum dropped to 15 degrees below zero.

APPROACH ROADS: Both roads were impassable for tourists during the entire month and even the local gente would not venture forth except on tractors. This Custodian on a return trip from Gallup made a good start on a subway between Ramah and El Morro. There comes a ray of hope for the future, however, from Charlie Carter. Charlie reports that the P.R.A. has received a formal request from the State Highway Dept. for federal aid on the construction of a portion of Highway #53, i.e., Ice Caves to the Zuni Reservation line, via El Morro and Ramah, and that they had approved this project.

TRAVEL: No Hay! For the first time in two years we ring up a goose egg visitor count.

RADIO CONTACT: Only two contacts with Chaco Canyon were made this month. Mac has been on annual leave and I spent the last scheduled Sunday in a mud hole. Contact with the Regional Office has been very good and convenient.

GENERAL: A full week was spent in completing a very tardy inventory. Outside of the trips to Gallup for supplies the remaining time was spent in the office on file work.

Number of copies of free publications on hand as of the end of March, 1948.

2-fold Spanish edition----------3737
2-fold English edition*** ---------- 555
16-page booklet----------7594

Bates E. Wilson, Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____, New Mexico

_____ June 24, _____ 1940

Superintendent
Carlsbad Cavern National Monument
Carlsbad, New Mexico

Dear Sir:

Enclosed herewith is a report of activities in El Paso Archaeological Reconnaissance for the month of March, 1940.

Excavation: Excavation during the month on Mountain El Paseo of Pueblo and 1.67 inches of precipitation. Indians experienced wanted to excavate and the digging proceed in 22 degrees below zero.

Protection work: Work began November- for building fence for safety sake and also the local press could not reduce their excavations or trenches. This building is a future site from which such a good report in a safety between Jemez and El Paso. There were a lot of tops for the Fabian Brewery, Fine Studio Jewelry. Mexico that the "U.S." has received a Donut dropped from the Jewels Company. The Fabian's all on the construction of a pavilion of mighty 200,000, Inc., for dating in the Jewel Construction Line, the El Paso and Texas, and that they had approved this project.

Visitors: We had for the first time in our place we rode on a great big trailer truck.

Auto traffic: Our Auto-traffic Chase-Cargos were made this month. Has been on a [illegible] and [illegible] since the last wholesale month in a and this [illegible] the [illegible] Office has been very good and [illegible].

Museum: A full month was spent in completing a very tardy inventory. Details of the Data to Salina for supplies the remaining time was spent in the office on file work.

Number of people of Free Publications on hand as of the end of month, 1240.

Total General Publications	[illegible]
Total Public Attitude	[illegible]
Indians Tested	[illegible]

Yours I. Tilson, Custodian.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

MARCH 25 48

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira National Monument for the Month of March, 1948.

General. March came in like a lion, which was in keeping with the way February departed. Travel was less than 50% of March last year. The road to Mountainair is in good shape now, but the Carrizozo approach around Claunch is practically closed by drifting sand. The last week has brought the first "bona-fide" tourists in some months.

Weather Conditions. Snow on February 26 and 27 and March 1, 3, 4, 9, 10, 11, 15 and 18 totalled 0.84 inches of moisture. I am assured by the local residents that the minimum of zero on March 5 and 1° below on March 11 set new records, or were at least "very unusual".

Special Activities. The custodian was in the Regional Office March 17 & 18 discussing the repair and rehabilitation program and other Monument matters.

Work is underway on a wage-board survey.

FCP sheets and priority lists were revised and submitted.

A 2000 word article on Gran Quivira for possible publication in the New Mexico Magazine was prepared during the month.

Maintenance. Several days were devoted to dragging and filling holes on the entrance road, water and wood were hauled, and the pressure pump cleaned and oiled. New tool racks were constructed in the pump house as there will not be room for them in the present tool house after it is reconverted.

The new 150 gallon water tank transferred from Bandelier was mounted on the trailer.

On March 4 a truck driver, evidently in a hurry, missed the turn at the overpass coming out of Mountainair. Among other things he removed 3 telephone poles. The custodian and Mr. McGrady devoted March 6 to repairing the damage.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Oak Ridge

Oak Ridge, Tennessee

March 25

Memorandum for the Regional Director, Region Three.

The following is a report of activities at Oak Ridge National Monument for the month of March, 1948.

General. Spring came in like a lion, which was in keeping with the way February departed. Travel was less than 50% of March last year. The road to Chuckwalla is in good shape now, but the Cottonwood approach Jackson is practically closed by drifting sand. The last week has brought the first "Dove-tide" tourists in some months.

Visitor Facilities. Here on February 26 and 27 and March 1, 2, 3, 10, 11, 12 and 18 totalled 2,164 inches of moisture. I am assured by the local meteorologists that the minimum of zero on March 2 and 12° below on March 11 set new records, or were at least "very unusual".

Special activities. The protection man in the Federal Office Bldg. is financing the repair and rehabilitation program and other necessary matters.

Work is progressing on a wage-board survey.

Job sheets and priority lists were revised and submitted.

A 8000 word article on Oak Ridge for popular publication in the Sun Spring Bulletin was prepared during the month.

Maintenance. Several days were devoted to dragging and filling holes on the entrance road, water and wood were hauled, and the pressure pump cleaned and oiled. The fuel tanks were connected in the pump house so there will not be room for them in the present fuel house after it is reconstructed.

The new 100 gallon water tank transferred from Chuckwalla was mounted on the trailer.

On March 4 a truck driver, evidently in a hurry, placed the truck at the entrance coming out of Chuckwalla. Among other things he removed 3 telephone poles. The operation cost Mr. McCurdy service hours 2 to repairing the damage.

Repair and Rehabilitation. Bids are being prepared in the Regional Office for lumber to re-roof the old tool house. Work on repairing the walls and floors should begin shortly after April 1.

Arrangements have been made to have the living room replastered sometime in April.

Approaches to Monument Area. The Mountainair approach was graded on March 9 and 22, and is now in good shape. G. I. Martin, contractor, now has the base coat on approximately 7½ miles of the 8½ under construction. The Carrizozo approach is alternately impassable and nearly so between here and Claunch due to blowing sand.

The state maintainer made two trips over the Monument entrance road on March 22, which put it in good condition. Such cooperation is appreciated.

Interpretive Service. 13 parties totalling 37 visitors were conducted through the ruins. Average trip time, 41 minutes.

Research and Observations. The Monument bird calendar and files were reactivated March 1. They had lapsed since 1943. Two pairs of Cassin's Purple Finch were observed February 27, a new record for the Monument. Six American Merganser were observed outside the Monument area, a new record for the vicinity.

Increase or Decrease in Travel. Bad weather and roads through March 18 cut the travel to less than one-half of last year's. As indicated below travel for the travel year is also considerably behind 1947.

	CARS	VISITORS
March, 1948	26	74
March, 1947	61	182
Decrease	- 35	- 108
Percent Decrease	-57.37%	-59.34%
This Travel Year	170	482
Last Travel Year	216	734
Decrease	-46	-252
Percent Decrease	-21.29%	-34.33%

In compliance with FC 601 Gran Quivira 2-fold leaflets on hand, 5300.

William L. Bowen,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

March 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for March, 1948.

WEATHER. This has been a long, hard winter and it is hoped that the pleasant weather of the past few days really means that Spring is coming to stay in the San Luis Valley.

The snow gauge at Wolf Creek Pass which measures twelve feet, was for the first time, buried in over this amount of snow. If the snow in the surrounding mountains, should suddenly thaw and pour into the valley, there would be a serious flood condition for both the San Luis valley and the Rio Grande river.

A minimum of 10 below zero was registered on March 11. The maximum of 66 above was reached on March 24.

Snow fell on February 29; March 1,2,3,4,5,8,9,10,15,16,18,21 and 25.

Strong winds blew on February 29; March 1,3,4,6,9,10,14,17,20, 24 and 25.

Our 5th and we hope last severe storm from the northeast occurred on March 3 and 4.

Our good luck piece of last year, Herkimer the chipmunk, showed up on March 19, but todate has not charmed the water line into thawing as he did a year ago.

TRAVEL. One hundred and two visitors in fifty-one cars visited the Sand Dunes during this report period.

Fifty cars came from Colorado; one car from New Mexico. Very few cars ventured down the road to the lower picnic area.

One written request was received and ten informational leaflets were sent to a Kentucky Travel Bureau.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Death Valley National Monument
Ashford, California

March 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Death Valley National Monument for March, 1948.

WEATHER. This has been a long, hard winter and it is hoped that the pleasant weather of the past few days really means that spring is coming to stay in the Death Valley.

The snow gauge at Bald Knob Pass which measures twelve feet, was for the first time, buried in over this amount of snow. If the snow in the surrounding mountains, should suddenly thaw and pour into the valley, there would be a serious flood condition for both the Owens Valley and the Big Pumpkin River.

A minimum of 10 below zero was registered on March 11. The maximum of 22 above was reached on March 24.

Snow fell on February 28; March 1,2,3,4,5,6,7,12,13,14,21 and 22.

Strong winds blew on February 29; March 1,2,4,5,6,11,14,17,20, 24 and 26.

Our rain and we hope last severe storm came from the northwest centered on March 3 and 4.

Our great loss place of last year, Harriman the chipmunk, showed up on March 12, but today has not observed the water line into Thanksgiving as he did a year ago.

TRAFFIC. One hundred and two visitors in fifty-one cars visited the Park there during this report period.

Fifty cars came from California; one car from New Mexico. Very few cars ventured down the road to the lower placer area.

One million request was received and ten informational leaflets were sent in a Kentucky Travel Bureau.

DECREASE IN TRAVEL. Although travel was triple that for last month, it is still very low due to weather and poor roads.

For March 1947, there were 82 cars; 256 visitors.

ROADS. The approach road from Highway 17 is rough and for the most part of the report period, it was wet and muddy. The grader was busy in the lower sections of the road, trying to spread the ponds of water to allow the road to dry for further blading. It is understood more work will be done as soon as conditions permit.

The monument road to headquarters is in good condition todate, due mainly to proper grading and drainage. However, with the strong winds now drying out the road, it won't be long until it is the usual washboard road.

The road to the lower picnic area is very poor with deep ruts and much mud. As soon as conditions permit, the road will be dragged with the state loaned railroad iron drag.

N.P.S. VISITORS. Architect Saunders and Acting Regional Chief of Lands Kell visited the monument on March 3. The weather was very nasty during their visit but it was nice having their company, and we could all suffer together.

Saunders went over furnace installation in the custodian's residence and discussed other repair and rehabilatation projects. This also included the installation of the propane system for the Servel refrigerator.

Kell went over land problems and changes in the boundary.

ACTIVITIES. Usual routine duties of hauling water, fuel oil, gasoline, wood, ashes and garbage. Office matters were kept current.

The 3 KW light plant was repaired at the monument by the Heide Garage. The valves were sticking and the timing was corrected. The plant is again in good working condition.

The Ford dump truck was returned to the Heide Garage in an attempt to try and increase the gasoline consumption.

The Dodge 4x2 was repaired, a new front wheel bearing replaced, grease job and other minor repairs.

<u>[illegible] IN [illegible]</u>. Although travel was triple that for last month, it is still very low due to weather and poor roads.

For March 1947, there were 87 cars; 326 visitors.

<u>[illegible]</u>. The mountain road from Highway 17 is rough and for the most part of the report period, it was wet and muddy. The grader was busy in the lower sections of the road, trying to spread the ponds of water to allow the road to dry for further blading. It is understood work will be done as soon as conditions permit.

The mountain road to Sandpiper is in good condition. Due mainly to proper grading and drainage. However, with the strong winds now drying out the road, it won't be long until it is the usual washboard road.

The road to the lower picnic area is very poor with deep ruts and much mud. As soon as conditions permit, the road will be graded with the state leased tractor from Ely.

<u>[illegible]</u>. Assistant Director and acting Regional Chief of Lands visited the monument on March 5. The weather was very windy during their visit but it was nice during their campfire, and we could all enjoy together.

Investigations about Farmers Installation in the condition's residence and discussed other housing and rehabilitation projects. This also included the installation of the propane system for the Barrel refrigerator.

Mail went over land problems and changes in the boundary.

<u>[illegible]</u>. Usual routine duties of hauling water, fuel oil, gasoline, food, mains and garbage. Office matters were kept current.

The 3 Kw light plant was repaired at the monument by the Delta Garage. The valves were adjusted and the timing was corrected. The plant is again in good working condition.

The red dump truck was returned to the Delta Garage in an attempt to try and increase the gasoline consumption.

The Ford car was repaired. A new front wheel bearing replaced, grease jug and other minor repairs.

The Monte Vista Plumbing and Heating Company was awarded the contract for furnishing and installing the oil furnace in the custodian's residence.

Much time was spent at the Alamosa County Court House on land description in deed books and information obtained for the NPS-L-3 forms for this monument.

A trip was made to Region Three Office on March 22,23 and 24, to discuss monument and administration problems.

PROJECTS FOR ENSUING MONTH. This should be an exciting month if all goes as planned. Installation of the furnace and propane system.

A trip to Saguache to obtain land description for three sections of land in that county to complete the NPS-L-3 forms.

God willing, the water line may thaw and with improvement in the weather, many jobs can be tackled and perhaps completed.

Ted C. Sowers,
Custodian.

The Santa Fluta Plumbing and Heating Company was awarded the contract for installing and maintaining the oil furnace in the caretaker's residence.

Each time was spent at the Alamosa County Court House on land description in deed books and information obtained for the RR-L-3 forms for this monument.

A trip was made to Sagdam Three Cities on March 13,14 and 15, to discuss monument and administration problems.

PROJECT FOR SPECIAL ATTENTION. This should be an exciting month if all goes as planned. Installation of the furnace and plumbing system.

A trip to Saguache to obtain land description for three sections of land in that county to complete the RR-L-3 forms.

And finally, the water line may then get at its improvement in this weather, many jobs can be tackled and perhaps completed.

Ted G. Brown,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

March 24, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of March, 1948.

Visitors this month to Castle and Well - 1589; travel year to date - 8295.

Weather Stormy weather throughout the month has decreased travel. Snow fell on several occassions at Flagstaff and Prescott with snow and rain at the Castle.

Administration Difficulty has been encountered in finding a qualified candidate for our temporary position .

Plans for exhibits in the Montezuma Well museum are being developed. Leaflets for the self-guiding trail at Montezuma Well are needed and are being printed. These are to sell on a serve-yourself basis at five cents each.

Several trips have been made to Montezuma Well to check on remodeling and improvements being installed by contract.

Visitors There were 1172 visitors to Montezuma Castle and 417 to Montezuma Well. Cars counted at the Castle - 346; at Montezuma Well 115. Tickets were sold to 332 visitors; 70 children or Indians were admitted upon payment of tax only and 33 children were admitted free.

Contact Time Total contact hours 137.25. Hastings 82; Leding 55.25. One hundred and eight trips were madd through the Castle for 435 visitors and 476 visitors saw the Castle museum in 98 groups. Visitors who received information outside the ruins or museum totaled 304.

Maintenance A bad break re-opened in the roof of Residence No. 2 and efforts were made to temporarily repair it.

The living room in Residence No. 1 was cleaned and redecorated. Ranger Leding repainted the museum and oiled the floor.

Ladders leading into the Castle were given a coat of raw linseed oil.

Approach Roads The county road from McGuireville to Montezuma Well has been widened and improved including the entrance to the Well.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

March 24, 1949.

Monthly report for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of March, 1949.

Visitors: This month to Castle and Well - 1,897; travel year to date - 7,911.

Weather: Fairly mild throughout the month but a downward trend. Snow fell on several occasions at Flagstaff and frosts with some and rain at the Castle.

Administration: Efficiency has been encountered in filling a qualified candidate for our temporary position.

Plans for exhibits in the Montezuma Well museum are being developed. Leaflets for the self-guiding trail at Montezuma Well are needed and are being printed. These are to sell on a service-wide basis at five cents each.

Several trips have been made to Montezuma Well to check on re-modeling and improvements being installed by contract.

Visitors: There were 1,172 visitors to Montezuma Castle and 617 to Montezuma Well. Cars counted at the Castle - 846; at Montezuma Well 112. Tickets were sold to 322 visitors; 77 children or Indians were admitted upon payment of tax only and 23 children were admitted free.

Income: Total monthly income 127.35. Entrance 23; Leasing 52.25. One hundred and eight trips were made through the Castle for 233 visitors and 670 visitors saw the Castle museum in 35 groups. Visitors who received information outside the ruins or museum totaled 304.

Maintenance: A bad break developed in the roof of dwellings No. 2 and efforts were made to temporarily repair it.

The living room in Dwelling No. 1 was cleaned and redecorated. Ranger Leding repainted the museum and oiled the floor.

Ladders leading into the Castle were given a coat of raw linseed oil.

Approach Roads: The county road from Montezuma Well to Montezuma Well has been widened and improved including the approaches to the Well.

Construction and Improvements E. G. Broughton, Cottonwood contractor started work at Montezuma Well on March 1. He has reshingled and braced the residence roof, installed new cabinets in the kitchen and built closets in the bedrooms. A new vent in being installed for the fuel oil heater. The museum has been re-roofed and the inside walls re-plastered. The flagstone floor in the museum has been covered with a cement floor and a septic system installed for the residence. As soon as painting the interior is completed, the quarters will be ready for occupancy.

Equipment A heating stove was purchased for use in the residence at Montezuma Well.

Research Sherd collections of archaeological sites at Montezuma Well were completed and the sites were photographed.

Park Service Visitors Custodian and Mrs. Riffey were here from Grand Canyon National Monument.

Regional Architect Saunders checked work at Montezuma Well on March 16.

Protection

Two "No more carving, please" signs were made and posted on the picnic ground to protect our sycamore trees from further depredations.

Vandelism on three wooden signs was investigated and suspected culprits were warned.

Publication Sales Total sales for the quarter was $139.79 and $124.04 was collected. The difference is due to serve-yourself sales' shortages and on one occassion the change box was robbed of its entire contents.

Homer F. Hastings,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

March 23, 1948

MEMORANDUM for the Director, Region Three

There follows a monthly report of activities in this area for the month of March 1948.

WEATHER: Foul. Since our last report we've recorded precipitation on 13 days. High temperature was 54 degrees on the 13th. Low 4 degrees on the 11th. Total precipitation 1.41 inches. Average snow depth was 8.5 inches on the 10th. Fast thawing and a heavy run-off alternating with snow and freezing kept us wishing for a dog-sled and a rowboat.

VISITORS: 50

VISITORS: 43 Pasadena Boy Scouts arrived in a stake truck on the 22nd. They had come to within two miles of the headquarters area in a 40 passenger motor coach but because of the deeper snow and rutted roads above 6700 feet they abandoned the coach and came in in the stake truck. Because of a shortage of time these fellows elected to see Betatakin from the rim. (The road to Segi Point has not yet been opened.) The Custodian broke trail thru drifts 18-20 inches deep to Betatakin Point. We took along the two new telescopes (1907 U.S.S. Milwaukee). These fine old scopes help to bring Betatakin up a lot closer and the cross-hairs can be trained on a feature of special interest such as Kiva, grinding room etc., The field of view is so large that the cross-hairs are needed.

ROADS: Good below 6700 feet. Roughly rutted, partially inundated and strewn with snow-drifts above 6700 feet. We have been dragging the lower roads and as snows run off we come higher up with the drag. The entrance road is smooth except for the home three miles.

CASUALTY REPORT: Three months and 294 gallons after we took delivery of 500 gallons of gasoline our converted water tank was empty! Excavating it today revealed a leak in the man-hole we had worked so hard to seal. It is hoped we can correct this failure with another type gasket.

GENERAL: Correspondence and files are current. Some additional work was accomplished on road signs. Some tattered volumes were rebound for the library. A storage cabinet was built and painted for the service porch. The furnace was dismantled and cleaned thoroly. Tons of snow were shovelled and acre-feet of water diverted from roads and trails.

Two trips are on schedule for Keet Seel and the season seems to be starting with a bang!

J.W. Brewer, Jr.,
Custodian

BIRAC MINING DEPARTMENT
TEMBIA, ANGOLA

Nov. 25, 1968

Memorandum for the director, Belgian Congo

There follows a monthly report of activities in this area for the month of March 1968.

RAINFALL: Nil. Since our last report we've recorded precipitation on 12 days. High temperature was 34 degrees on the 17th. Low 4 degrees on the 11th. Total precipitation 1.43 inches. Average mine depth was 6.5 inches on the 10th. Pat thawing and a heavy run-off alternating with snow and freezing kept us stalling for a day-and-a-half and a week.

VISITORS: 20

ACCIDENTS: 42 teachers day ex was arrested in a state truck on the 12th. They had come to within two miles of the backpackers area in a 40 passenger motor coach but because of the deeper snow and rutted roads above 6700 feet they abandoned the coach and came in in the state truck. Because of a shortage of bird these fellows elected to not detachable from the run. (The road to Bagirrank has not yet been opened.) The Washington bronto trail here drifts 18-20 inches deep to detachable joint. We took along the two new balaccoys (IOOT d.i.d. allowance). These flat 14 inches help to bring detachable up a lot closer and the cross-bars can be trained on a feature of special interest such as lava, grizzly room etc. The field of view is so large that the cross-bars are needed.

ROADS: Good below 6700 feet. Roughly rutted, partially bumpated and icyness with snow-drifts above 6700 feet. We have been dragging the lower roads and as snow run off is some higher by with the dog. The entrance road is month except for the home three miles.

EQUIPMENT REPORT: Three months and 18 gallons after we took delivery of 500 gallons regular our converted water tank was empty! Investigation it transpired a leak in the non-kink so had worked so late to 1963. Only hope we can correct this failure with another type packs.

CAMP: Warehouse and files are current. Some additional work was accomplished on road signs. Some tattered pillows were returned for the library. A shower cabinet was built and painted for the service area. The trapper has disassembled and cleaned thoroly. Two of some were slovenly! Pay days are-last of water diverted from roads and trails.

The trips are on schedule for Sept fuel and the assays seem to be starting with a bang!

F.E. Brewer, Jr.,
Dawtelia

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 38, Ajo, Arizona

March 25, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of March, 1948.

WEATHER

The weather for March has been cooler than normal with a resulting delay in the flower season. Maximum temperature was 80° on March 23 and minimum was 25° on March 6. The total rain was 0.84 inch, 0.51 of which fell on March 18.

GENERAL

Tom Vint of the Director's Office and Messrs. Davis, Cornell, Lassiter, Lovelady, and Gastellum of the Region Three Office visited us on March 4 to 6 in connection with future development of the area and revision of the master plan.

Paul Balch of the Region Three Office inspected the section of boundary fence built last winter and investigated soil conservation problems on March 3 and 4. He then took the Soil and Moisture pickup to Lake Texoma.

Gene Stonehocker brought our patrol grader from Casa Grande on February 25.

TRAVEL AND INTERPRETATION

Travel and interpretive contacts increased considerably with 8692 people visiting the monument. The contact station was manned on only 20 days due to the demands of other work but the number of contacts increased 27%. A large proportion of the travel was from Southern California.

ROADS

G. L. McLane, District Engineer of P.R.A. and Bruce Ellis, County Engineer's Office, made an inspection of the Sonoyta highway with Mr. Vint and Region 3 officials on March 4.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

Ajo, Arizona

March 25, 1[illegible]

Superintendent for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of March, 1948.

WEATHER

The weather for March has been mostly fair and normal with a prevailing daily in the first ten days. Maximum temperatures was 90° on March 11 and minimum was 32° on March 6. The total rainfall was 0.16 inch, 0.81 of which fell on March 18.

GENERAL

The visit of the Director's Office and Regional Chief, Lassiter, Lovelady, and Assistant of the Region Three Office visited on 26 March 1 to 3 in connection with their development of the area and revision of the master plan.

Mail pilot of the Region Three Office inspected the public if Marine dry force built last winter and investigated soil conservation problems on Zones 2 and 4. He was sent the soil and moisture policy to take home.

Area transmitter brought our patrol grader from Ajo twice in every 25.

VISITOR USE & INTERPRETATION

Travel and interpretive services increased considerably with 6000 people visiting the monument. The museum visitor was manned on only 20 days due to the demands of other work but the number of visitors increased 172%, a large proportion of the travel was from Southern California.

WILDLIFE

A. L. Graves, District Engineer of F.W.S., and Steve Ellis, Game Engineer's office, made an inspection of the Sonoyta Library with Mr. [illegible] and Region 3 officials on March 4.

ROADS (continued)

The county has been widening the roadway through dips where loose sand had filled in. A great improvement has been made. A minor accident to an automobile on March 21 due to a bad shoulder in a spot being worked by the county shows that much is still left to do. The county crew has also begun repair of the spots washed most badly by flash floods.

Repair of our patrol grader has enabled the roads and trails man to begin work on patrol roads.

MAINTENANCE

The pump for the well was pulled and repaired on March 15 and 16. Water was hauled from the border for domestic and campground use while the pump was out of commission.

Another valve spring on the 3 KW Onan light plant broke and was replaced.

BOUNDARY

An International Boundary Commission surveying party is camped at Quitobaquito and surveying 11 miles west from our boundary for the new fence. Invitations to bid for this contract on this section have been put out.

PUBLICITY

The influx of Southern California visitors this month came partly as a result of articles about the area and Rocky Point, Mexico appearing in Sunset Magazine and the publications of the California Automobile Association.

Articles by Roscoe Willson of Phoenix appear in the Sunday edition of the Arizona Republic and to date have mentioned the monument and its attractions in each. One article was devoted almost entirely to us.

Publicity about the desert flowers of this area was given by Desert Magazine in an article and by Richfield Oil Co. in their Friday night newscasts.

ACCIDENTS

A truck with shrimp from Rocky Point overturning against a rock out 2 miles north of headquarters and the car leaving the road as a result of a blowout comprises the list of March accidents.

VISITORS

Visitors of note included Dr. Marshall from the Papago Park Cactus Garden at Phoenix and his guest, Dr. Sipe, of Oregon. A party of 30 Stanford University students belonging to the Natural History Club visited us on their way to Rocky Point.

COMMUNICATIONS

The new 50 watt Jefferson-Travis radio was received in apparently good condition. Cursory exam nation revealed one broken tube.

William R. Supernaugh,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro Nationa l Monument
Tucson, Arizona

March 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly Narrative Report of activities at Saguaro National Monument for the month of March, 1948.

WEATHER. Temperature range during the month was from 79 degrees on March 24 to 31 degrees on the night of February 29, when snow fell at the monument headquarters for the second time this winter. Precipitation totaling approximately one inch occurred on two other days during the month. Although several days were windy, the month as a whole was less so than any other winter month we recall.

SPECIAL ACTIVITIES. The custtdian made one official trip, to Casa Grande on March 24, for the purpose of delivering oak lumber for a new truck rack, and to pick up our overhauled 3-KW light plant.

INSPECTIONS. On March 6, Chief of Planning Vint, Assistant Regional Directtr Davis, Regional Architect Cornell, Engineer Lassiter, and Architect Lovelady made an extensive examination of boundary problems. March 9 and 10 Mr. Davis returned with Chief Clerk Gastellum, to work out plans of operation for the remainder of this fiscal year.

COOPERATING GOVERNMENT AGENCIES. Dr. Lake S. Gill, of the Bureau of Plant Industry, was in briefly on February 26, for work in connection with the bacterial necrosis of the Saguaro cacti.

MAINTENANCE. With the exception of one working day, the trail crew has spent the entire month on the improvement of the Madrona - Grass Shack trail. Present work is almost 3 miles above Madrona, which is about the limit for economical work from that location. Plan is to move the crew to Grass Shack the last week in April, water permitting. Minor repairs were made to the Madrona corrals, and the second water fountain replaced. Completion of the planting in the Headquarters arboretum must await next winter's resting period of the cacti; all scheduled planting for this year is completed. The photographic display on the Headquarters porch is likewise completed, but will no doubt be enlarged slightly as an indefinitely continuing project. Ranger Wilde spent one day in repairing three breaks in the telephone line near Madrona Ranger Station, after which service is again possible in a limited way. Bids for repairs to roofs of the buildings at Madrona were received and distributed; bids will be opened on March 30, and we hope that the work will begin soon after that date, as much property in the barn is being seriously damaged by water leaks. The Loop road was dragged once during the month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Hopewell Village National Historic Site
Elverson, Pennsylvania

March 24, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the monthly narrative report of activities at Hopewell Village National Historic Site for the month of March, 1948.

Weather. Temperatures range during the month was from 72 degrees on March 29 to 21 degrees on the night of February 22, when even this did the resident Maintenance Man and the site ranger. Precipitation totaled approximately one inch according to two other sites during the month. Minimum temperatures were some nighty, the month as a whole was less so than our other sites report to.

Public contacts. The museum was the official info, visitors totals as follows 22, for the purpose of delivering the labor for a new trash rack, and to pick up our reproduced 8-ft light plant.

Interpretation. On March 8, Chief of Planning Ely, Architect Hopkins Planner Davis, Regional Archaeist Stowell, Engineer Lindsay, and Architect Crosley made an extensive examination of Isaac Jones property March 9 and 10 by. Davis returned with Chief Clark Shenkline, to work out plans of operation for the remainder of this fiscal year.

Cooperative management agreements. Mr. Luke C. Gill, of the Bureau of Plant Industry, has it letter on February 24, for work in connection with the historic gardens of the Bureau rental.

Maintenance. With the completion of the welding day, the trail from the spring was cleaned up the improvement of the Cedrons - Chase Chase trail. Further work is going to start along Hopewell, while it also the list for accessional work from this location. Plan is to move the cows to Stack the last week in April, water provided. Minor repairs were made to the Furnace arrels, and the second water Provide replaced. Completion of the plumbing in the Maintenance activities most work water's rusting period of the week, all maintenance planning for this year is completed. The Pennsylvania Lumber Company on the Southwestern porch in Ironwork completed, but will be kept be enlarged slightly as an interpretive exhibition project. Burger Mills spent one day in repairing these tools in the Ironworks. Lost Saw Mulberry Burger Furnace, after which service is quite possible in a limited way. Jobs for repairs to roofs of the buildings at Furnace were received and distributed; bids will be opened on March 29, and we hope that the work will begin soon after this date, as much property in the Ironworks is being seriously damaged by water leaks. The Lower road was dragged once during the month.

APPROACH ROADS. The Broadway approach road has only been graded once in the past month, and is fairly rough in spots. The Pima County Highway Department has done considerable work on the Vail approach road, widening several blind turns between Headquarters and the Lazy Vee ranch, and eliminating the bad wash just beyond that ranch. However, there have been two very serious accidents at the first turn one mile south of the Monument entrance this past month; one car turned over, and a jeep hit and demolished a large Saguaro when it skidded on the turn. The cactus, which probably weighed two tons or more, came down in a pile, largely on the jeep, and we will never understand why the occupant was not killed. As it was, he suffered serious injury. Placing of a proper warning sign should eliminate most of the danger at this turn. In all, we know of an even dozen wrecks in the first six miles south of here on the Vail road in the past year.

TRAVEL AND INTERPRETIVE SERVICES. All previous records for March of preceding years were broken when 3329 persons visited Saguaro in this 29-day month. This is the second highest total for a single month, and only 86 people less than last month; it is also the third consecutive month in which all previous records for travel of corresponding months has been broken. These visitors registered from 39 states, Guam, Canada, England, and two parties from Denmark. Increase over March, 1947, amounted to 1050 people, or 46 %.

Of the above totals, 1319 people, in 376 parties, were contacted at Monument Headquarters. Total contact time of 105½ hours for the month is second only to that of last month, the all-time record. Average time for each party contacted was 16.8 minutes, a slight drop from February.

PROTECTION. On March 7, while on patrol, Ranger Wilde arrested four hunters who had killed a javelina some two miles inside the monument boundary. He took them before U. S. Commissioner Thomas H. McKay on the following day; the hearing was continued until the 16th, when the Commissioner held all four for the U. S. District Court, on $200 bail each. Date of trial is uncertain, as the District Judge has been ill for several weeks. Patrols have been made each Sunday this month.

Only one wood-hauler was encountered this month - a decided improvement, and he was stopped just as he was starting to load his truck.

FOREST PROTECTION. The Saguaro Fire Plan was completely re-written, and is being mailed to the Region today, for mimeographing, if approved. All needed supplies and equipment for the fire season in on order as of this date.

PERSONNEL. Ranger Frost took one day sick leave on March 4, and the Custodian was on sick leave the 5th and 6th; old debbil common cold in both instances. Laborer Newell A. Bundy injured his back lifting a rock on the trail the morning of March 8. He was taken to the doctor at once, and finally hospitalized March 10, being released on the 16th. He is still under treatment, and under orders from Dr. Clyne to do no work for at least another week.

[illegible]

[illegible]

[illegible]

A new wage-board survey was completed by Ranger Wilde, and turned over to Chief Clerk Gastellum on the 10th. Indications are to the effect that our rates are somewhat below those paid in this vicinity, and some adjustment seems justified.

MISCELLANEOUS. With some misgiving, and with considerable regret over leaving old friends in the Southwestern National Monuments, the Egermayers will be leaving for Lake Texoma on April 6. In the ten years (lacking 25 days) since we first came into the Park Service, and especially since coming to Saguaro in 1939, we have had many and varied experiences, mostly pleasant. We have learned many things, some of them the hard way, as is not unusual in this group of areas, and have made, we hope, many friends. Our sincere hope is that the next ten years will be as productive of service, knowledge, friendships, and enjoyment as have these just past. Our best wishes stay with all the personnel of the Southwestern National Monuments.

Don W. Egermayer
Don W. Egermayer
Custodian

and

Ruth Egermayer
Ruth F. Egermayer
H.C.W.P.

(After almost five years during which Mrs. Egermayer has contacted between one-fourth and one-fifth of all visitors to Saguaro, I felt that she was entitled to sign the last report.)

D.W.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

March 31, 19 48

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of March, 1948.

Visitors this month: 422 Travel Year to date: 4042

Travel: Visitation for March has shown a decrease of 14 % from that recorded for the same period a year ago, with 264 persons registering throughout the month. Some visitors have been using the Sunset-Wupatki connecting road, particularly during the latter part of the month.

Weather: With the approach of spring and its accompanying warmer days, the snow has melted and only remnants of the larger drifts remain. Most of the flats and the southern and western exposures are again bare.

Roads: The entrance road from Highway 89 is in fairly good condition. The Saginaw Manistee Lumber Company has been hauling logs to their mill in Flagstaff over the entrance road. Maintenance on the part of the lumber company, has it in general fair condition. The connecting road with Wupatki is open and is in fair shape for this time of the year.

General: Logging activities, which have been concluded for this year, were concentrated to the south of Sunset this spring. For the most part the loggers used only a portion of the approach road, from which side roads were developed, extending to the south and east of the Monument.

Plans are under way for a Rural Electrification development in the area immediately south and west of Sunset. This survey is in progress at the present time. It will serve users along Highway 89 as far north as the Highway Camp. This would bring electrical facilities to within two miles of Sunset Crater.

Robert F. Upton
Ranger-in-Charge

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sequoia Section NATIONAL MONUMENT

Visalia, California

March 27 19 46

Superintendent Sequoia-Kings Canyon National Parks,

Here follows a report of the activities of Sequoia Ranger District
Sequoia for the month of March, 1946.

Visitors this month: 181 Travel Year to date: 2002

Trails: Visitation for March has shown a decrease of 32 % from that recorded for the same period a year ago, with the service maintaining throughout the month. Some visitors have been using the Sunset-Crystal recreational road, particularly during the latter part of the month.

Weather: With the approach of spring and the accompanying warmer days, the snow has melted and only remnants of the heavy fall remain. Most of the flats and the southern and western exposures are again bare.

Roads: The entrance road from Ticiney to is in fairly good condition. The Tharlow Brothers Lumber Company has been hauling logs to their mill in Ticiney off the entrance road. Maintenance on the part of the lumber company, has it in general fair condition. The connecting road with Sequoia is open and is in fair shape for this time of the year.

General: Logging activity, which has been restricted for this year, was substituted to the order of Sequoia this service. For the road part the logging road only a portion of the approach road, from main side trail was involved, extending to the north and west of the Monument.

Plans are under way for a Naval Electronics development in the area immediately north and west of Sequoia. This survey is in progress at the present time. It will serve users along Highway 99 as the entrance to the Kingsburg Camp. This would bring electrical facilities to which the cities of Kingsburg Center.

Robert E. Upton
Ranger-in-Charge

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Tonto National Monument
NATIONAL MONUMENT
Roosevelt, Arizona

March 25, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for March, 1948.

Weather. Much of the month has been cloudy and cold, without resulting in much rainfall, however. It was cold enough to continue to freeze the water pipes. March 23 and 24 were quite warm, with temperature up to about 75°.

Approaches to Monument. The Apache Trail is the same as ever, corrugated in places, but not a bad gravel road.

Inspections. Assistant Regional Director Davis and Chief Clerk Castellum were at Tonto March 2, and spent several hours discussing fiscal and administrative problems with the custodian and ranger.
Archaeologist Steen spent most of a day here, filling out our knowledge of Tonto archaeology and history, and going over museum problems.

Interpretive Service. Visitor contact and interpretation in the Lower Ruins took up most of our time during March, with 960 Ruins visitors out of a total of 2295 for the month.

Travel. 2295 persons in 637 vehicles visited Tonto this month. That compares with 2496 in March 1947. Cold weather, high prices in the Valley, and national unrest contributed to the decrease. The last few warm days showed an increase, with 295 on March 21, a heavy travel day.

Roads & Trails. The State maintenanceman, Ab Sanders, bladed the entrance road last week, and offered to help clear the ditches when we have the roads and trails laborers on the job.

Visitors. Ranger and Mrs. John Riffey from Grand Canyon Monument stopped in a while, and Archaeologist Davis from Casa Grande was in .

General. The Dodge pickup and the 3 KW light plant were taken to the Casa Grande shop. Charlie Steen brought the plant up March 13, and returned the 2 KW plant . The pickup is still in the shop, as some parts were not available locally. The light plants will be re-located by the adobe tool shed, thus making the area quieter at night, and eliminating the makeshift shed by the museum. Contact, reports, and maintenance kept us busy this month, and will do so through April also.

Charles C. Sharp
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

DEVILS TOWER NATIONAL MONUMENT
Sundance, Wyoming

March 30, 1942

Memorandum for the Regional Director, Region Three.

Subject: Monthly report of activities at Devils Tower National Monument for March, 1942.

Weather. Most of the month has been cloudy and cold, although precipitation is much reduced. However, it was still enough to continue to freeze the water pipes. Patrol is not so very pleasant with temperatures up in about 12°.

Visitor Use in Monument. The Jeanne Trail is the area in which most visitors are given, but not a lot appear yet.

Improvements. Maintenance Foreman Charles Smith and Relief Clerk Guillian were at Devils Tower on road patrol during Monument Fiscal and administrative problems with the operation and people.

Construction Items. Small lack of a dry house. Filling and maintenance of Tower entrance well finished, and paint a very nice job.

Interpretive Service. Visitor contact and interpretation in the lower Tower Room up to date of our time during month, with 3,000 visitors. Have not of a total of 6,000 for the month.

Fauna. 8000 pounds in 6.27 rattlesnake trained during this month. This measure with 4000 in Jewel Cave. Bull snakes, high prices in the Tower, and National Monument contributed to the decrease. The 24-hr. for some days closed in January, with 200 on Jewel 24, a heavy forest fire.

Roads & Trails. The Jeanne entrance, on Monday, blocked the entrance road 2-3 weeks, and attempt to keep clear the airport road as have the roads and trails leading to the top.

Fire Hazard. Hunger and low. Area sitting down from Jeanne Lookout appears in a well, and conditions there than been enough now to .

Energy. The Jeanne electrical 3-4 KW light plant were taken in the Lake Creek area. Shortly thereafter the plant by lunch 12, and replaced the 2 [illegible] . The plumbing is still in the shop, as soon parts were not available locally. The light plants will be replaced by the above that [illegible] the area [illegible] of light, and eliminating the necessity [illegible] Tower, Devils [illegible], and maintenance [illegible] be busy this month, [illegible] do so through [illegible].

Charles E. Tharp
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Tumacacori
BOX 2225, TUCSON, ARIZONA

Tumacacori, Arizona

March 27, 1948

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of March, 1948:

WEATHER CONDITIONS: Rain seems to be fairly close to average, with .62 inches since February 24. Maximum temperature of 80 on March 23, with minimum of 17 on March 5. Spring has been delayed with more cold nights than usual. Range is still not up to par, and flower displays are mediocre, but better than last year for the opening period. A temperature range of 50 degrees occurred on March 22.

MAINTENANCE: Routine was kept current. The lobby table came apart, and was put together more securely. One tree was transplanted from the patio garden to the front of the museum building. Considerable flower planting has been done in the patio garden, and quite a bit of irrigation has been necessary on the grounds.

INTERPRETIVE SERVICE: 1,710 visitors went on 248 guided trips through the mission and grounds, receiving an average of 34.45 minutes per trip. 3,152 persons saw the museum. 3,160 persons received combined Information and Interpretation Service.

MUSEUM AND EDUCATION: On February 28 the Custodian presented an illustrated talk on Southern Arizona reptiles to 20 members of the Yale Club in Tucson.

INCREASE OR DECREASE IN TRAVEL: 3,258 visitors came to the monument this month, exceeding by far the highest previous March record of 2,571 for last year.

VISITORS: March 2 - Archaeologist and Mrs. Dan Davis, Casa Grande National Monument.
March 7 - Scottsdale High School Spanish Class of 14 persons.
March 20 - Coolidge High School Spanish Class of 48 persons.

INSPECTIONS: March 8 - Chief of Development Thomas C. Vint, Assistant Regional Director John Davis, Regional Landscape Architect Harvey Cornell, Regional Engineer Lassiter, Architect Lovelady, and Chief Clerk Castellum, gave a thorough inspection to the monument and detailed consideration of its problems.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
TUMACACORI NATIONAL MONUMENT
Box 2233, Tucson, Arizona

Tumacacori, Arizona

March 27, 1962

Memorandum for the Regional Director,
Santa Fe.

Follows the monthly narrative report for Tumacacori National Monument for the month of March, 1962:

WEATHER CONDITIONS: This seems to be fairly close to average, with 18.22 inches since February 24. Maximum temperature of 80 on March 31, with minimum of 17 on March 8. Spring has been delayed with snow and nights then usual. Range is still not up to par, and flower displays are mediocre, but better than last year for the spring period. Temperature range of 30 degrees occurred on March 22.

ACCIDENTS: Public was hurt overall. The injury rate was quite, and was not serious. One item was transferred from the public program in the front of the museum building. Construction floor cleaning had been done in the public program, and quite a bit of irrigation has been necessary on the grounds.

VISITOR USE: 1,710 visitors went on 187 guided trips through the mission and grounds, averaging an average of 24.40 minutes per trip. 3,150 persons saw the museum. 3,180 persons received general information and interpretive service.

SPECIAL EVENTS: On February 22 the Pastoral presented an illustrated talk on Southern Arizona reptiles to 30 members of the Tale Club in Tucson.

PERSONS AT PROGRAMS OF TUMACACORI: 6,808 visitors came to the monument this month, attended by far the highest previous March visits of 3,891 for last year.

VISITORS: Mark S - Technologist and Mrs. Ben Davis, Iowa Sports National Monument.

Mark 7 - Outstanding City Council Special Class of 14 persons.
Mark 20 - Boulder City Junior Public Class of 40 persons.

INSPECTIONS: Mark 8 - Chief of Foreign-Area Design C. Flat, Assistant National Director John Davis, Regional Landscape Architect Harvey Slocum, National Register Leader, Institute Leveling, Mr. Wilbur Cook, Guatemala, gave a thorough inspection to the museum and [illegible] of the activities of its problems.

[illegible]

PUBLICITY: March 13 - Representatives of Reid H. Ray Film Industries were in taking movie shots for one of a series of short playlets which will feature the Tucson region in "Tucson Travels", to be shown in theatres of the middle west.

PERSONNEL: Seasonal Ranger Conrad worked his last duty day February 29. On March 22 Laborer (Intermittent) Ramon Orozco was put to work for a few days to fix up our trails and roadway from the parking to the residences. After the end of the month he will work on mission stabilization.

COMMUNITY: On February 27 we attended an evening meeting in Nogales which resulted in ~~organization~~ organization of the Pimeria Alta Historical Society. There were about 30 persons present, and much enthusiasm was shown. The Society wishes to collect historic materials for museum display in Nogales, to write down authentic historic material, and to erect suitable markers to attract tourists to historic spots in the region of Nogales. We injected a caution note into the meeting about increase in vandalism to historic spots if publicity and markers are not accompanied by increased custodial care.

On March 3 we learned to our dismay that the last remnant of original wall of what is believed to be part of the original Spanish presidio at Tubac, historic old town three miles north, had been torn down by the owners and the adobe bricks sold.

On March 10 Weldon Bailey, son of the man who donated part of the lands of Tumacacori National Monument to the government, and for long a rancher in the neighborhood, died of a heart attack.

GENERAL: The monument is ticking along all right, but it keeps us as busy as a one-armed washerwoman without a scrub board. We would have been swamped without a seasonal ranger this winter. We need, badly, for the seasonal ranger job to be at least a five month job, instead of the three months we had this season.

Nothing short of a war or a depression will prevent the increasing flood of visitors to this region from growing. Within a few months a fine paved highway will extend from the border to the famous Mexican fishing resort of Guaymas. The first link of work in the alteration of the Tucson-Nogales highway from a hazardous narrow route to a super-highway has started. Within three years at the most this route will be almost a boulevard.

Earl Jackson,
Custodian

[illegible]: March 12 - Superintendent of Unit A, Guy Fin Industries was in taking movie shots for use of a series of short pictures which will feature the Tucson region in "Tucson Tourist", to be shown in theatres of the middle west.

[illegible]: Seasonal Ranger Turner worked his last duty day February 24. On June 20 Lookout ("stationlight") Tower Crews are put to work for a few days to fix up our trails and roadway from the parking to the rest-lodges. After the end of the month he will work on station stabilization.

[illegible]: On February 27 we attended an evening meeting in Douglas which resulted in appointment committees of the Douglas Civic Chamber. There were about 30 persons present, and much enthusiasm was shown. The Society wishes to collect historic materials for museum display in Douglas, to write some authentic historic material, and to erect suitable markers at already locations in historic spots in the region of Douglas. We lighted a monitor note like the meeting bent increase in vocabulary. So historic spots if possible if not monitory are not accompanied by interested material data.

On March 3 we learned to our dismay that the last remnant of original wall of what is believed to be part of the original Presidio probably at Tucson, although old and there other sites, has been torn down by the owners and the adobe bricks sold.

On March 12 Walter Bailey, one of the two who charted part of the lands of Tucsonian Tourist Journeys to the pueblos, met for long a ranger in the neighborhood, kind of a bear attack.

[illegible]: The monument is closing down all right, but it looks to be many as a one-road enhancement without a work board. We would have been swamped without a seasonal ranger this winter. We need, really, for the seasonal ranger job to be at least a five month job, instead of the three months we had this season.

Noting about of a bear or a mountain will prevent the increasing flood of visitors to this region from growing. Within a few months a film paved highway will extend from the border to the famous Mexican fighting resort of Ensenada. The first line of work is the alteration of the Tucson-Douglas highway from a hazardous narrow route to a super-highway has started. Within three years at the most this route will be almost a boulevard.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

MARCH 26, 1948, 19

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for March, 1948.

Travel Data; 1359 visitors broke the record for March at Tuzigoot. Past highs were 654 for 1941 and 1055 for 1946. Visitation has been on a steady incline, breaking all previous corresponding months, since the first of the year, and the 1948 travel year promises to set a new high. The above-mentioned 1359 visitors arrived in 420 cars. 22 people walked out to the monument.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 2608 for the month. 1196 people in 362 parties were given an orientation lecture in the museum, and 1058 people in 351 parties were conducted through the ruins. The average time spent by each party in the museum was 22 minutes while the average conducted tour through the ruins required 21 minutes per party. Maximum service was given to the visiting public.

Personnel Time: Museum: 130 hours, 15 minutes. Ruins: 121 hours, 05 minutes. Total time for Bright: 113 hours, 45 minutes. For Richert: 137 hours, 35 minutes.

Special Visitors: On March 23, a group of 27 from the Department of Adult Education, San Jose, California.

Maintenance and Administration: Due to heavy visitation little time can be found to perform maintenance work around the monument. However, Ranger Richert has managed to complete, inbetween parties, the deweeding of all rooms in the ruins and a simonizing and polishing job on our ford pickup 1-13850. The Verde Hardware Company of Cottonwood is still unable to fill the remaining 297 feet due on our order of 2-inch galvanized steel water pipe because of failure of suppliers. However, we do have promise of delivery within the next 30 days. Fortunately no breaks have developed during the past four or five months. To avoid breaks the pressure has been reduced so low that the water is barely pushed to the monument.

Everett Bright

Custodian.

Walnut Canyon

Rt.1,Box 400,Flagstaff,Arizona

March31 48

MEMORANDUM for the Regional Director,Region Three.

There follows a report of activities in Walnut Canyon National Mon--ument for March 1948:

Weather ;There has been quite a bit of snow during the last month and many of our would-be visitors have,no duobt,been discouraged.This weather caused the roads to be first blocked with snow and then mud. One group of visitors demanded and received "safe escort"back to the highway.

Visitors; 241 visitors entered the Monument and 96 of these were contacted.It is estimated that only 30 people made the trip intothe Canyon.

Activities:The Monument was short handed during the month since Custodian Beaubien was called away to Denver for a few days.

A spray gun,belonging to Wupatki,was used to finish painting the Custodians house.Ranger Upton from Wupatki helped for three days on the painting and one day on clean-up etc.

One day was spent looking for a break in the water supply line. Fortunately no break existed.A faulty float valve was responsible for the cutting off of our water.

N.P.S.Visitors:Mr Saunders and wife stopped in the area a short while to deliver the new bids for the museum roof.Ranger and Mrs E.Byrd and Naturalist Don Watson All of Mesa Verde Park were gusts this past month at Walnut Canyon.

John A. Aubuchon
Acting Custodian

Walnut Canyon

Rt.1,Box 400,Flagstaff,Arizona

March 22

MEMORANDUM for the Regional Director,Region Three.

There follows a report of activities in Walnut Canyon National Monument for March 1945:

Weather: There has been quite a bit of snow during the last month and many of our world-be visitors have,no doubt,been discouraged.This weather barred the roads to be first blocked with snow and then wet, the group of visitors excepted and received "a-a- escort"back to the highway.

Visitors: 84 visitors entered the Monument and 48 of these were conducted.It is estimated that only 30 people made the trip into the canyon.

Activities: Monument was shut headed during the month since Instruction Station was called away to Denver for a few days.
A spray machine belonging to Bugbee,was used to finish painting the installation.Ranger Dylan from Capitol helped for three days on the painting and one day on clean-up etc.
One day was spent looking for a break in the water supply line. Fortunately no break existed.A faulty float valve was responsible for the setting off of our water.

E.T.E.Visitors:Mr Sawyers and wife stopped in the area a short while to deliver the new title for the museum roof.Ranger and Mrs E.Hyd and Assistant Don Erbson All of Mesa Verde Park were guests this past month at Walnut Canyon.

John L. Anderson
Acting Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible] NATIONAL MONUMENT

[illegible]BO, NEW MEXICO

March 22, 48

MEMORANDUM for the Regional Director, Region Three.

MARCH TRAVEL - 1948	1948 - TRAVEL YEAR TO DATE
Visitors 6132 Cars 1675	Visitors 32065 Cars 8953

After falling down last month we can again brag about March, 1948, beating all records. 6,132 visitors in 1,675 cars tops all previous records for March. This record was set in spite of several adverse days when high winds and dust storms reduced visibility to less than a hundred feet. Winds of over 50 miles per hour with gusts as high as 75 miles per hour were recorded at the local air base. This, of course, has its effect on our road and we are barely able to keep them open at all. High for the month was 74° on the 22nd of February and low was 14° March 12.

A couple of trips were made to El Paso for supplies and equipment. One trip was by Ranger Chittum for the purpose of securing a number of truck wheels surplus to Army needs at Fort Bliss. We plan to use these as grills for our picnic area. They are a long way from those designed by our technical branch we had long since reached the point where we had to have something and the approved plan was financially out of the question. Even the wheels, had we been forced to buy them, would have been out of our reach since even junk yard prices are from $4.00 to $12.00 each. The Army gave us 26. By the middle of April we hope to have the picnic area completely made over and, for the first time in Monument history, have facilities somewhere near normal demands. We will have 17 shades with fire grills at each shade, at least ten garbage disposal units, and several tables and grills without shade.

With the visitor flow holding up as high as it is we have simply given up all hopes of catching up on the odd jobs. Two laborers were secured and we can at least see over now. All the plaster has been removed from the Parking Area and Utility Area walls, this has added greatly to their appearance. The old picnic area has been dug out of the drifting sands and moved into the new area. Our old (? 1936 ?) wooden pit toilets have been repaired and are being repainted. Joe has had several days assistance on his work which the several days of high wind make even more necessary. I am trying today to solicit Army help through the loan of heavy equipment in order to get our road to passing width again.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
[illegible] NATIONAL MONUMENT
[illegible] NEW MEXICO

[illegible] 22

[illegible] for the Regional Director, Santa Fe.

[illegible] - June [illegible] June - [illegible] TO [illegible]
[illegible] 1973 [illegible] June [illegible]

After falling down last month we can a week long about [illegible] 1.48, hauling all remains. 2,100 volunteer in 1,[illegible] were [illegible] all previous records for month. This record was set in spite of several adverse days when high winds and dust storms reduced visibility to less than a hundred yards, which of course no pilot [illegible] under such grade as high as 75 miles per hour were recorded at the local air base. This, of course, has its effect on our road and we are barely able to keep them open at all. Rain for the month was 7[illegible] the total of precipitation was [illegible] 12.

A couple of things were made ready in it time for hauling and [illegible]. One truly was by Ranger [illegible] for the purpose of [illegible] a number of trucks which would be [illegible] of [illegible]. We plan to use them as [illegible] the [illegible] area. They were a long way from [illegible] by our [illegible] [illegible] also provided the point where we had to [illegible] and the approved plan was [illegible] and [illegible]. Even the [illegible], had we been forced to [illegible], would have [illegible] of our [illegible] even just [illegible] from [illegible] to [illegible] [illegible] the [illegible] to [illegible]. By the middle of April we hope to have the [illegible] completely [illegible] over and, for the first time in [illegible] history, have facilities available [illegible] [illegible]. We will have 17 [illegible] with five [illegible] at each [illegible] to have the [illegible] diesel units, and several [illegible] and [illegible] [illegible].

With the winter [illegible] building up as high as it is we have simply given up all hopes of [illegible] up on the [illegible]. The [illegible] were [illegible] and so [illegible] at least [illegible] [illegible]. All the [illegible] have been removed from the [illegible] area and [illegible] [illegible], this has added greatly to their appearance. The old [illegible] area has been dug out of the drifting [illegible] and moved into the new area. The old [illegible] weather pit toilets have been repaired and are being replaced. We have had several days on weekdays on the road while the several days of high winds were more necessary. I am trying today to collect over by yes our road to [illegible] the [illegible] of heavy equipment in order to get our road to [illegible] with [illegible].

Monthly Narrative Report (2) March 22, 1948

Our museum has functioned in its usual efficient manner. Some repairs to lights during the month resulted in full case lighting again, the first time we have had full efficiency in some time. More museum contacts have been made and a little more time devoted to each group.

The heavy winds and dust storms were responsible for a car accident in which three boys were cut up badly, one also suffering a dislocated shoulder. They were beyond mere first aid and we rushed them on in to the hospital. I assisted the doctor and I guess all three are out and about by now. The car was nearly a total loss.

We are well planned, by various occasions, far past our ability to fully handle with our present staff. Easter Services are planned again this year and already plans are well laid for the largest Play Day ever. The Army is again cooperating with a V-2 Rocket display and the Air Force will exhibit radio controlled missiles, etc. The Governor, State Superintendent of Schools, and other officials have announced their intention to be present.

We had a visit with Region Three Officials in the person when Assistant Regional Director Davis and Chief Clerk Castellum came by. We poured our many troubles on their shoulders and it was surprising how, in such a short time, they enabled us to solve so many of our woes.

No complaints were received on either the Service or the Concession.

And, with all these woes, perhaps I better await April when we will have much more cause for crying.

Johnwill Faris.
Johnwill Faris,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

March 31, 19 48

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of March, 1948.

Visitors this month: 322 Travel Year to date: 1369

Weather: Snow flurries and showers with a total precipitation of .34 inches was recorded for the month. The usual windy days with occasional dust storms remind us that spring is upon us.

Roads: The presence of some moisture has helped to keep the entrance road in fair condition. The approach road from Sunset Crater has been open most of the month, with some cars coming in from that direction.

Travel: Visitation for the past month has shown an increase of 47% over that recorded for March of last year. The travel year indicates a similar increase with 30% more visitors as of this date. With this as an indicator it would appear that another record travel year lies ahead.

Grazing: The grazing of trespass stock has been reduced to a minimum. This was accomplished in part at least, by allowing Mr. Kirby to increase the amount of water hauled from the Heiser Spring so that there was no overflow. This resulted in forcing those cattle that have been straying in from the south to go elsewhere for water. At the same time it has worked a definite hardship on the Navajos who have been accustomed to depending on Heiser as a watering place for their sheep.

Spring Flow: Further development of the Wupatki Spring was completed. This has increased the flow over that of last month by 128 gallons per day. At the same time Heiser Spring has continued to recede until the flow of both springs is now the same. Both springs record 1122 gallons per day.

Spring Development: Work on the Wupatki Spring development was given first priority for the month. The entire trench was opened and the upper portion lowered. With the removal of about 12 cubic yards of sandstone,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Grand NATIONAL MONUMENT

Flagstaff, Arizona

April 15, 1937

Memorandum for the Regional Director, Region Three.

There follows a report of activities at Grand Canyon National Monument for the month of March, 1937.

Visitors this month: 122 Travel Year to date: 1,[illegible]

Weather: Snow flurries and showers with a total precipitation of .75 inches was recorded for the month. The usual windy days with occasional dust storms ended or that spring is upon us.

Roads: The pressure of some maintenance has helped to keep the entrance road in fair condition. The alternate plan from Desert Dryer has been open most of the month, with some work needing to done this direction.

Travel: Visitation for the past month has shown an increase of 47% over that recorded for March of last year. The travel year indicates a similar increase with 20% more visitors as of this date. With no an influx is would appear that another record travel year lies ahead.

Grazing: The grazing of livestock could be now reduced to a minimum. This was accomplished in part at least, by allowing the. dirty to increase the amount of water hauled from the Desert Dryer as that there was no supplies. This resulted in trying times with the stock have been struggling in from the south in search of water. At the same time it has served a definite necessity in the Service who have been successful in impounding the water at a reasonable price for their stock.

Dairy Farm: Further development of the Dairy farm has been negligent. This has increased the flow over that of last month by 12% gallons per day. At the same time Dairy Farm has established in people until the flow of milk during the month. Milk sales reached 112 gallons per day.

Service Development: Work on the Dairy farm development was given priority for the month. The entire fence was opened and the upper pasture fenced. With the removal of about 12 rods yards of sanitary,

shale and clay, it was possible to cut down through several layers of rock, establishing a good grade from the upper end to the settling sump. Good seepage was brought in all along the trench. Six inch, perforated, asphalted pipe was laid in the bottom and was covered with several inches of coarse gravel. This in turn was covered with coarse cinder and then filled in with several feet of clay. A plan was drawn, indicating the location of the line, depth, approximate location of the main seeps and pertinent information. Thanks to Coconino County, who allowed us to rent a compressor for a few days, the job of cutting down through the rock was relatively simple, with the use of one of Walnut Canyon's jack-hammers.

A test hole was also made near the present pump house. It was found that water come in approximately 3 feet below the level of the present collecting sump, indicating that more water is below our present development. It was also observed that several hundred yards farther up the slope from the present spring, a heavy growth of grass and salt bush persists the year around, no doubt fed by another seep.

Special Activities: What appeared to be a leg bone of a prehistoric mammal was reported recently by one of the neighboring Navajos. It was found partially covered by a sand bar along the margin of the Little Colorado. Tentative identification indicates that it is possibly the tibia of a Mastodon or Mammoth. Although not in evidence at the present time, it would seem likely that other bones may be buried near.

Newsworthy Visitors: Thomas Clements, Professor in Geology of the University of Southern California, was a Wupatki visitor on the 27th. He was accompanied by his class on their geology spring field trip. Professor H. T. Getty, with members of his class in Archeology from the University of Arizona visited Wupatki on the 31st.

General: Rough drafts of the Development Outline for the Master Plan were completed for Wupatki and Sunset Crater. Ranger Upton spent several days the latter part of the month assisting Ranger Aubuchon at Walnut Canyon. Collaborator Buchenberg returned to Wupatki on the 23rd, after spending what he described as a most pleasant winter in Florida with relatives and friends. Buchy seems happy to be back in Arizona and it was good to see him again.

David J. Jones

David J. Jones
Custodian

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

March
Month

1943
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	1	3	4 hrs
alks or Hikes	2	4	10 hrs
uins or Hist. House			
ther			
Total	3	7	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	29	26	1/2 hr
Windows Section	1	17	1/2 hr
(Give Name or Type) Total	30	43	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Windows Section	29	116	1 hr
(Give Name or Type) Total	29	116	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

166
Total Receiving Interp. Serv.

133
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	
opular Studies	
ource Books	

NAME Russell L. Mahan

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Unusually cold and stormy weather had adverse effect on travel.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

March
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Histo. House	60	218	1/2 hr
her Museum	89	330	1/4 hr
Total	149	548	

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks	1	24	2 hr
splays and Exhibits			
plies to Inquiries			
her			

548
Total Receiving Interp. Serv.
330
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	15
pular Studies	
urce Books	

NAME Irving D. Townsend
TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FOR DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Bandelier National Monument
Name of Area

March
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	54	258	70
ther			
Total	54	258	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	24	118	19
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	24	118	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum Lobby	29	300	10
(Give Name or Type) Total	29	300	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Ceremonial Cave, Tsankawi, Fire Lookout	29	25	
(Give Name or Type) Total	29	25	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

701
Total Receiving Interp. Serv.

397
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME Fred W. Binnewies
Fred W. Binnewies,
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENT ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~CANYON DE CHELLY NATIONAL MONUMENT~~
Name of Area

~~March~~
Month

~~1948~~
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		Custodian	
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther	2	8	1½ hr.
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	2	7	20 min.
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

15
Total Receiving Interp. Serv.

25
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)	
5 page booklets	
opular Studies	
ource Books	

NAME ~~Meredith M. Guillet~~

TITLE ~~Custodian~~

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD[illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may reach a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Capulin Mountain National Monument~~
Name of Area

March
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans None			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire None			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
None			
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Six side markers pointing out five of the			
principal points of interest.			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts none			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

fifty
Total Receiving Interp. Serv.

one hundred fifty
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Homer J. Farr

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FOR DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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120905

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Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

CASA GRANDE NATIONAL MONUMENT
Name of Area

March
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	1	1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	202	3112	51 Min.
ther (Museum)	189	2819	28 "
Total	391	5931	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum & Etc.		1243	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

5931
Total Receiving Interp. Serv.

4355
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME A. T. Sizemore,
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

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Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Chaco Canyon National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~(1) Custodian~~	
Temporary			

~~March~~
Month

~~1948~~
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	0	0	0
Other			
Total	0	0	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	0	0	0
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	5	~~written inquiries answered~~	
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME ~~Irving McNeil, Jr.~~

TITLE ~~Custodian~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~The approach roads have been in worse shape than in many years.~~

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120905

Section 304
Reports
411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

March
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	1	6	1
Walks or Hikes	2	13	3
Ruins or Hist. House			
Other			
Total	3	19	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	25	696	1/4 hr
(Give Name or Type) Total	25	696	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Pt. Orientation Station	31	419	1/4 hr.
(Give Name or Type) Total	31	419	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4	letters	
Other			

1,115
Total Receiving Interp. Serv.

838
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Clair V. Cooke
CLAIR V. COOKE
TITLE Custodian

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*
GRAN QUIVIRA NATIONAL MONUMENT

Name of Area

MARCH
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	13	37	41
Other			
Total	13	37	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

37*
Total Receiving Interp. Serv.

74
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME William L. Bowen
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* An additional 25 people, local residents, here to use telephone or on other business were also contacted.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

MARCH
Month
1946
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
ontact Station (Sundays)	2	21	30 mins
(Give Name or Type) Total	2	21	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	1	(10 leaflets)	
ther			

21
Total Receiving Interp. Serv.
102
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Ted C. Sowers
TITLE Custodian

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

March
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	108	435	1 hour
Other			
Total	108	435	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	29	476	10 min.
Orientation (connected with conducted tour but information received by those not making tour.)	29	304	10 min.
(Give Name or Type) Total	58	780	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (self guiding nature trail)	29	No record	20 min.
Montezuma Well Trail (self guiding with leaflet)	29	417*	
(Give Name or Type) Total	58	417	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

1632
Total Receiving Interp. Serv.
1172
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Homer T. Hastings
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Ranger on duty 18 days for this period on which these figures are based.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

March
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Russell L. Mahan

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Area closed for winter due to snow on approach roads.

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Section 304
Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~NAVAJO NATIONAL MONUMENT~~
Name of Area

MARCH
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes ~~SANDAL TRAIL~~	~~3~~	~~50~~	~~135 min.~~
Ruins or Hist. House			
Other			
Total	3		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	3		
Other			

~~50~~
Total Receiving Interp. Serv.

~~50~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME

TITLE J.W. Brewer, jr., Custodian

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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

March
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other (Accompany patrol)	3	14	4 hrs.
Total	3	14	

TALKS	NO.		
Campfire (Kodachrome slide lecture)	2	9	2 hrs.
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	2	9	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	20	578	½ hr.
(Give Name or Type) Total	20	578	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

601
Total Receiving Interp. Serv.

8692
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
5 page booklets	
Popular Studies	
Source Books	

NAME
TITLE William R. Supernaugh, Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

March
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters.	29	1319 people, in 376 parties.	6315 min. total 16.8 min. avg.
(Give Name or Type) Total	29	1319	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

1319
Total Receiving Interp. Serv.

3329
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
pular Studies	
urce Books	

NAME Don W. Egermayer

TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Visitor contact maintained by Custodian's wife on one day, when Custodian and Ranger both on sick leave.~~

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Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		0	
Temporary			

March
Month

1942
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Trailside Signs	31	264	05
(Give Name or Type) Total	31	264	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

264
Total Receiving Interp. Serv.

422
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

No personnel on duty during month

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120905

Section 30
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

March
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Visit House~~	330	960	45 min. av.
Other			
Total	330		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hdq. Office & Museum	29	1882	15 min av.
(Give Name or Type) Total	29		

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2842
Total Receiving Interp. Serv.

2295
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Charles C. Sharp

TITLE Custodian

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

March
1948
Month
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			1 (for three days)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	~~248~~	~~1710~~	~~34.45 mins.~~
Walks or Hikes			
Ruins or Hist. House	~~248~~	~~1710~~	~~34.45 mins.~~
Other			
Total	248	1710	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Combined Information and Interpretation Service at registry desk or in museum. All visitors save runarounds get this service.	29	3160	5 mins. ave.
(Give Name or Type) Total	29	3160	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum, self-guiding	29	3152	10 mins.*
(Give Name or Type) Total	29	3152	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts	0		
Talks	1	20	1 hour
Displays and Exhibits	0		
Replies to Inquiries	0		
Other	0		

8,022
Total Receiving Interp. Serv.

3,258 **
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Estimate.
** Visitor total includes 98 Runarounds.

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120905

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~TUZIGOOT NATIONAL MONUMENT~~
Name of Area

~~MARCH~~
Month

~~1948~~
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	~~ONE~~	~~ONE~~	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	~~351~~	~~1058~~	~~21 mins.~~
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	~~362~~	~~1196~~	~~22 mins~~
rientation (Not connected with conducted trip)	~~118~~	~~354~~	~~5 mins~~
ther (Not connected with conducted trip)			
Total	~~480~~		

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther	~~6~~		

~~2608~~
Total Receiving Interp. Serv.

~~1359~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

5 page booklets	
opular Studies	
ource Books	

NAME Everett W. Bright

TITLE ~~Everett W. Bright, Custodian.~~

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120905

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Reports
411 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

WALNUT CANYON NATIONAL MONUMENT
Name of Area

MARCH
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Observation point at Admin.Bldg.	10	96	1/3 hr.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

96
Total Receiving Interp. Serv.

221
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME John A. Aubuchon
TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Only one man on duty, bad weather and road conditions. Approx. 30 people made ruins trip unattended.

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120905

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

THE GREAT NATIONAL [illegible]
Name of Area

MARCH
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
MUSEUM	29	3418	1/5
(Give Name or Type) Total	29	3418	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

3418
Total Receiving Interp. Serv.

6132
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Paul H. Steel,
TITLE Park Ranger

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ection 304
Reports
11 and 420

120905

MONTHLY ATISTICAL REPORT OF INTERPRETI SERVICES
IN NATIONAL PARK AREAS*

Wupatki National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	1
emporary			

March
Month

1946
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	15	68	40
ther			
Total	15	68	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Malakihu Exhibit	31	136	65
(Give Name or Type) Total	31	136	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

204
Total Receiving Interp. Serv.

322
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
page booklets
pular Studies
urce Books

NAME David J. Jones

TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

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120905

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

King

April '48

May 10, 1948.

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
Bandelier	[illegible]	May 27 '48	May 30 '48
Great Sand Dunes, Mosca, Colorado	[illegible]	6-5-48	6-9-48
Tuzigoot	[illegible]	6-10-48	6-11-48
Montezuma Castle	H. Hastings	6/14/48	6/16/48
Canyon de Chelly	[illegible]	6/21/48	6/25/48
El Morro	[illegible]	6/28/48	7/2/48
Aztec Ruins			
Chaco Canyon	[illegible]	[illegible]	[illegible]
Capulin Mountain	[illegible]	7-19-48	7/23-48
Gran Quivira	[illegible]	7-26-48	7-27-48
Arches	[illegible]	7/29/48	8/2/48
Region Three Office --Mr. King			

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three

Santa Fe, New Mexico

May 7, 1[illegible].

[illegible] for the Regional Director, Region Three.

Following is the narrative report for the naturalists of the Southwestern National Monuments for the month of April 1[illegible]:

Staff Activities - General

Naturalist Dale T. King was in the office except for a two-day trip to White Sands and Gran Quivira, April 7-8.

Archaeologist Charlie R. Steen left Casa Grande on April 1, returning to Santa Fe on the 3rd, via Walnut Canyon.

Public Relations and Extension Services

Several groups of Kodachrome slides were selected and mailed to various educators who requested them for lectures.

A manuscript prepared by Johns Harrington, formerly Temporary Ranger at Grand Canyon, written about Tuzigoot National Monument, was edited and returned to the author, who will publish it in a trade journal.

Progress of Exhibit Plans and Projects

King had several discussions concerning policy and planning with Dr. Fred Plesants, formerly of the Peabody Museum of Harvard University. Dr. Plesants is writing his doctoral dissertation on the function of anthropological exhibits in scientific museums, and is quite interested in museum possibilities in the Southwest.

Accessions - Other than Library

A request was received from a small eastern museum for archaeological material to be loaned from the Southwestern National Monuments. This was regretfully refused because of the lack of such material, plus the difficulty of assembling and shipping it.

Research and Observations

King accomplished slightly more than three days of progress on the

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Badlands Park
Wall, South Dakota

July 1, 1960

Superintendent
Badlands National Monument, Wall, South Dakota

Following is the narrative report for the monument at the twenty-seventh annual meeting for the month of April 1960.

Staff Activities - General

Superintendent Daniel A. Dilg was on the Badlands summit for a three-day trip to Rapid City and the Black Hills, April 7-9.

Superintendent Daniel A. Dilg was on leave from April 1 through 11 to attend to his 3rd, 4th annual leave.

Public Relations and Interpretive Services

Several groups of Indian boys and girls visited the monument and were called in our Indian Service.

A monthly program by John Pretzlaff, Forest Service Ranger at Wind Cave, writing about Rapid City Indian Community, was aired and followed by the author, who will appear in or a week period.

Development of Interpretive Plans and Programs

Plan and weekly interpretive programs policy and schedule with Mr. Paul Chandler, Director of the Rapid City Branch of Research Corporation, Mr. Chandler is getting the general discussion on the formation of Indian Pictographs according to schedule engaged, and is quite interested in human possibilities in the monument.

Interpretive - Other than Library

A request was received from a small mining company for information material for the Sunset Over the Mountains Training Program. This was regrettably refused because of the lack of such material. Plan the difficulty of assembling and supplying it.

Research and Observations

Mike Mangelsdorf officially made time from date of progress on the

archeological excavation report of Nalakihu by working on week-ends.

Several meetings were held and some time spent in preparing advanced committee work for the Northern New Mexico Boy Scouts Plaza Jamboree, for which King is Publicity Chairman, and the Region Three staff is providing facilitation.

Region Three Office Loan Library

Library accessions for the month were 18 books, 82 periodicals, and 14 reprints and pamphlets.

Principal books received were:

Chenault, Richard A. -- Advertising Layout.
Ronald Press Co., New York, 1946.

Conkling, Roscoe P. and Margaret B. -- The Butterfield Overland Mail. Two Volumes and Atlas.
Arthur H. Clark Co., Glendale, 1947.

Follansbee, Robert, and L. R. Sawyer -- Floods in Colorado
U. S. Geological Survey, Water Supply Paper 997,
Washington, 1948.

Gladwin, Harold -- Men Out of Asia.

Holbrook, Stewart H. -- The Story of American Railroads.
The Crown Publishers, New York, 1947.

Hough, Walter -- Culture of the Ancient Pueblos of the Upper Gila River Region, New Mexico and Arizona.
Smithsonian Institution, U. S. National Museum, Bulletin 87.
Washington, 1914.

Marriott, Alice -- Maria; The Potter of San Ildefonso.
University of Oklahoma Press, Norman, 1948.

Peenan, M. Walter -- Meet the Natives.
Privately printed, 3rd edition. Denver, 1946.

Santee, Ross -- Apache Land.
Charles Scribner's Sons, New York, 1947.

[illegible]

[illegible]

[illegible]

Tanner, Faun McConkie -- A History of Moab, Utah.
Moab, 1957.

von Hagen, Victor Wolfgang -- Maya Explorer. (John Lloyd Stevens and the Lost Cities of Central America and Yucatan)
University of Oklahoma Press, Norman, 1948.

Young, Paul Stanley -- Sketches of American Wildlife.
Monumental Press, Baltimore, 1946.

Southwestern Monuments Association

The Executive-Secretary conferred with representatives of Postage Meter and Multigraph companies concerning the possibility of obtaining machines in the future.

Page proofs on material for the mailing list were received from the printer and returned.

An illustrator was interviewed concerning the possibility of preparing improved illustrations for the booklet "Poisonous Dwellers of the Desert." Correspondence was initiated with a cooperating photographer with a view toward obtaining photographs of Indian handicraft to be used in a future publication.

During the month, the Association continued contributing a considerable amount of postage to the Regional Office to answer informational requests.

Treasurer Alan C. Vedder worked every work-day, due to increased activity. Much time was spent on turn-ins, some posting, and about two days receiving and arranging headquarters stocks for mail sales. He made the trip to White Sands and Gran Quivira, and prepared one disbursement and two deposits, which included 43 items.

Ruins Stabilization

The stabilization report on Chettro Kettle for 1947 was received from Archeologist Gordon Vivian. It is an excellent job, and Vivian deserves congratulations.

Steen performed a great deal of work on the stabilization report for Casa Grande, analyzed remaining funds for this fiscal year, and made some changes in allotments to various monuments.

Projects for May

King will be in the office, being occupied the first part of the month with a somewhat large task of issuing the Southwestern Monuments Association's first large-scale mailing. He hopes to spend some time later on museum planning.

Steen will go to Gran Quivira during the second week of the month to survey stabilization needs, and help the custodian in a rehabilitation of an interpretive station. He plans a short trip to Navajo at the end of the month.

(SGD) DALE S. KING
Dale S. King,
Naturalist.

Approved for Distribution /S/ P. P. [redacted] May [redacted], 1[redacted].
Acting Regional Director

cc: Mr. Dodge,
Monument Circulation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Arches
NATIONAL MONUMENT
Moab, Utah

April 29, 48
19

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of April, 1948:

GENERAL: Travel showed a substantial increase despite heavy winds and inclement weather. The out-of-state-cars are now becoming more evident and we are looking forward to our big travel year.

WEATHER: The March winds are a month late but are making up for lost time. Extremely high winds were in evidence on numerous occasions during the month and today they snapped off a lombardy poplar tree about 20 feet high at quarters. The first part of the month was unseasonably cold with rain and snow on several occasions but it has become much warmer during the latter part of the month. The Colorado River has been rising rapidly and oldtimers predict the highest water experienced for some years due to heavy snows in the LaSals.

TRAVEL: Our visitor register showed a total of 201 cars and 777 people for the month as compared with 133 people last month and 559 people for April, 1947. Easter Sunday recorded the heaviest daily travel for the monument with 88 cars and 447 people. Most of the travel was from Utah and Colorado but the out-of-state-travel is increasing.

INTERPRETIVE SERVICES: Our contacts increased during the month with 113 people contacted at headquarters and 172 people contacted in the Windows section. Two hikes were taken with parties to Klondike Bluffs and the Devils Garden section. A total of 6 people were included in these parties. Several requests for information were received and answered.

COOPERATING GOVERNMENTAL AGENCIES: Grand County completed the construction of approximately 12 miles of access roads to the Devils Garden and Delicate Arch on April 27th. Funds ran short toward the end of the job and they were not able to do all the surfacing contemplated but it is an excellent road and will certainly make the area more readily accessible to visitors. Mileage and directional signs have been installed. The local Lions club is holding an outing and barbecue in the area on May 8th to

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Arches
NATIONAL MONUMENT
Moab, Utah

April 29, 19 44

MEMORANDUM for the Regional Director, Region Three:

The following is a monthly report for Arches and Natural Bridges National Monuments for the month of April, 1944:

GENERAL: Travel showed a substantial increase, despite heavy winds and intermittent weather. The cool-weather-lovers are now beginning more evident and we are looking forward to our big travel year.

WEATHER: The March winds are a month late but are making up for lost time. Extremely high winds were in evidence on numerous occasions during the month and today they managed wit a temperature reader about 20 feet high at quarters. The first part of the month was unseasonably cold with rain and snow on several occasions but it has become much warmer during the latter part of the month. The Colorado River has been rising rapidly and officials predict the highest water experienced for many years due to heavy snows in the Rockies.

TRAVEL: Our visitor register showed a total of 201 men and 177 people for the month as compared with 132 people last month and 88 people for April, 1943. Ranger Bundy recorded the heaviest daily travel for the month with 21 cars and 247 people. Most of the travel was from Utah and Colorado but the out-of-state-travel is increasing.

COMMUNITY RELATIONS: Our contacts increased during the month with 117 people contacted at lookout towers and 172 people contacted in the Visitors section. Two talks were taken with parties to Canyon Lands and the Devils Garden section. A total of 8 people were included in these parties. Several requests for information were received and answered.

CONSERVATION ENFORCEMENT CONTACTS: Grand County completed the construction of approximately 12 miles of access road to the Devils Garden and Delicate Arch on April 27th. Roads are about toward the end of the job and they have not able to do all the surfacing contemplated but it is an excellent road and will materially make the area more readily accessible to visitors. Signage and directional signs have been installed. The local Lions club is helping on signing and barricades in the area as fast as it

celebrate the completion of this work.

ROADS: The approach road to the Windows section of the monument is in good condition. The State maintenance crew spent two days grading same during the month. Grand County enlarged the Windows parking area with a bulldozer and improved one hazardous curve by drilling and shooting.

TRAILS: The Delicate Arch trail signing and improvement has been completed. A rope handrail has been installed on the approach to the arch thereby improving the hazardous climb to the arch proper.

The Devils Garden trail has been signed from the parking area to Double O Arch and The Dark Angel, a distance of 2 miles. Features along this trail are Tunnel Arch, Pine Tree Arch, Landscape Arch, Wall Arch, Partition Arch, Fin Canyon, Double O Arch and the Dark Angel.

Signs have been completed for the trail and features in the Windows section and we hope to have them in place during the first week in May. Signs have also been mapped out for the Courthouse Towers trail and will try to get them made and in place before our heavy travel starts.

NATIONAL PARK SERVICE VISITORS: Ranger Paul Steel of White Sands National Monument arrived on April 17th to deliver a surplus house trailer assigned to Natural Bridges National Monument. He was shown over a portion of the monument.

MAINTENANCE: Material has been purchased for the reroofing of the warehouse and it is hoped that we will get this job completed the first week in May.

NATURAL BRIDGES NATIONAL MONUMENT: The approach road to this area is still closed by heavy snow. The last report received stated that there were still 5 feet of snow on the Bears Ears on the Elk Mountain and it would probably be May 10th before the road could be opened.

Russell L. Mahan

Russell L. Mahan
Custodian

(in trip.)

Page 8, Arches Nat'l. Mon., April, 1948.

celebrate the completion of this work.

ROADS: The approach road to the Windows section of the monument is in good condition. The Park maintenance crew spent the days preceding the month. Grand County assigned the Windows project crew with a bulldozer and improved the hairpin curve by drilling and blasting.

TRAILS: The Delicate Arch trail edging and improvement has been completed. A rope handrail has been installed on the approach to the arch thereby improving the hazardous climb to the arch proper.

The Devils Garden trail has been aligned from the parking area to Landscape Arch and the Dark Angel, a distance of 2 miles. Features along this trail are Tunnel Arch, The Tree Arch, Landscape Arch, Tall Arch, Partition Arch, The Tapers, Double O Arch and the Dark Angel.

Signs have been supplied for the trail and features in the Windows section and we hope to have them in place during the first week in May. Signs have also been supplied for the Devils Garden Trail and will try to put them made and in place before our heavy travel starts.

NATIONAL GAME SANCTUARY VISITORS: Harper Tail Chief of Ute Bands National Museum arrived on April 17th to deliver a eagle bonne tribal feathers to the Tribal Tribes National Museum. He was shown over a portion of the monument.

MAINTENANCE: Material has been purchased for the repairing of the overlook and it is hoped that we will get this job completed the first week in May.

NATIONAL PARKS MATIONAL MONUMENT: The approach road to this area is still closed by heavy snow. The last report received showed snow drifts 5 feet or more on the Moab Fork on the Ely Mountain and it would probably be May 10th before the road would be open.

Respectfully,

Russell L. Dixon
Superintendent

(in duplicate.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 April 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Aztec Ruins for April 1948.

WEATHER: Excellent sunshiny days have prevailed, marred only by a few days of storm, yet our travel for the month is 240 less than April last year. Just 0.47 inch precipitation has been recorded which blew in on a few scattered days of high wind.

MAINTENANCE: We have spent considerable time in repair to the storage tanks of the water system and will find it necessary to do more as time allows in May.

The refrigerator motor was removed and repaired.

The residence sewage line was cleaned when all drains became occluded.

The lateral ditch from the main Farmers Ditch canal was cleaned.

Roadside burning of grass and other flammables, to reduce fire danger, was begun.

SPECIAL ACTIVITIES. The Custodian presented illustrated talks to two local county schools and another to the Aztec Parent Teachers Association. The Custodian accompanied Architect, Raymond Lovelady to Farmington, N.M., Cortez and Durango, Colorado to interview building contractors, relative to the proposed construction at Aztec.

TRAVEL. The trend in travel is decidedly down from last year, despite favorable climatic conditions, yet the overall travel year is trailing only by 17 visitors.

There were 584 visitors in 199 cars from 28 states, Brazil and Canada.

INTERPRETIVE SERVICES: There were 418 visitors in 103 trips conducted thru the ruins, and 584 visitors in 156 groups shown thru the museum.

Irving D. Townsend
Irving D. Townsend,
Custodian.

AZTEC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

April 29, 1948

Memorandum: For the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of April, 1948.

WEATHER

Spring weather prevailed for the most part during the month with temperatures ranging from 20 degrees on the first day to 85 degrees on the 17th. Although spring was late this year, the trees had leafed out by the end of the month and some of the flowers were in bloom.

ACTIVITIES

The Custodian attended the Building Fire Control and Forest Protection Conference at Grand Canyon National Park from April 5 to 14. The Conference was very much worth-while and much valuable information was received. Wupatki, Walnut Canyon and Petrified Forest National Monuments were visited en route to and from the Conference.

A trip was made to Albuquerque, New Mexico for the purpose of investigating the possibilities of securing a new stove unit for the lodge kitchen.

NEW CONSTRUCTION

The two expandable house trailers that were purchased from the Atomic Energy Commission at Los Alamos, New Mexico were set up at the edge of the campground in preparation for occupancy by seasonal rangers.

MAINTENANCE

Maintenance-man Valencia spent most of the month working on re-arrangement of the Lodge kitchen to improve working conditions and to make it safer. The cook stove, steam table and refrigerator were moved to new locations.

The approach road was graded and finally put in fair condition following the spring thaw.

[illegible]

[illegible] 31, 1944

[illegible]: For the Twelfth Airforce, Naples Italy.

There follows a report of the activities of Bomber Defense National Command for the month of April, 1944.

[illegible]

Fighter weather prevailed for the past month, with [illegible] with temperatures ranging from 30 degrees on the [illegible] to 87 degrees on the [illegible]. Cloudiness during the late [illegible] hours and heavy rain in the east of the region and some of the Fourth were in place.

[illegible]

The weather allowed the training flying [illegible] and there [illegible] defense [illegible] from [illegible] 5 to [illegible]. The [illegible] were [illegible] and such [illegible] information was [illegible]. Special, [illegible] were [illegible] Private National Guardsmen were [illegible] as [illegible] to [illegible] [illegible].

A trip was made to Albuquerque, New Mexico, for the purpose of investigating the possibilities of acquiring a new [illegible] for the Dodge Fighter.

[illegible]

The [illegible] in these [illegible] that were received from the Ground Course [illegible] at [illegible], New Mexico were [illegible] to the [illegible] of the [illegible] in preparation for [illegible] by several [illegible].

[illegible]

Maintenance-wise Fighter [illegible] most of the month working on [illegible] of the Dodge [illegible] to improve working conditions and to make it safer. The [illegible], where [illegible] maintenance [illegible] were moved to new location.

The [illegible] road was graded and [illegible] in fair condition following the spring thaw.

CONCESSIONERS

Mrs. Frey, the operator of Frijoles Canyon Lodge, spent most of the month in getting ready to open by the first of May. However, travel on weekends was sufficient to justify opening the coffee shop earlier and it was opened on the 24th for serving sandwiches and drinks.

INTERPRETATION

Nine hundred fifty visitors were guided through the ruins in 111 parties at an average party time of 71 minutes. With good weather the average time spent with each party increases to some extent.

As the Museum was still uncomfortably cold for a good part of the month, only 30 parties were taken through.

One evening lecture was given during the month in the lobby of the Museum to the senior Boy Scouts of Los Alamos and their guests.

MUSEUM

The Pueblo Government case was completed and installed during April. The new case labels will help it greatly when we get them.

The Pueblo Religion case was dismantled for photographing and reinstalled. It is hoped that this case may be redone soon to make it more understandable.

The Seasonal Ceremonies case is all but complete. Mrs. Pablita Velarde Hardin had to leave because of the shortage of funds, but she took the paintings home with her to finish them on her own time. A gesture which, needless to say, is deeply appreciated.

TRAVEL

This April showed a 23% increase in visitors over last April. Sunday the 18th, was the largest day in the history of the Monument with 539 people coming in between 8 A.M. and 5 P.M. This exceeded by some 35 persons the largest day of last summer. If this is any indication of the coming season, this one will top them all.

VISITORS

Miss Laura Gilpin, photographer and author of the book "The Pueblos," spent a day in the area. She was accompanied by Mr. and Mrs. Paul McPharlin, publishers.

[illegible]

Mrs. Frey, the caretaker of Jackson Lodge Lodge, spent most of the month in getting ready to open by the first of July. However, travel on weekends was sufficient to justify opening the coffee shop earlier and it was opened on the 24th for serving sandwiches and drinks.

[illegible]

Nine hundred fifty visitors were guided through the rooms in 111 parties at an average party size of 11 persons. This compared with the average time spent with each party compares to some extent.

In the Museum was still uncomfortably hot for a [illegible] part of the month, only 30 parties were taken through.

The evening lectures were given during the month in the lobby of the Museum by the senior day teacher of the Museum and their guests.

[illegible]

The Public Information case was completed and installed during April. The new case labels will help it greatly when we get them.

The Public Relations case was financial for [illegible] and relaxation. It is hoped that this case may be [illegible] and make it more understandable.

The Natural Dimensions case is all but complete. The Dakota Velvets Birds can be taken because of the difficulty of finding the [illegible] building home with her to finish them in her own time. A feature which, unless to say, is deeply appreciated.

Visitors

This April showed a 22% increase in visitors over last April. Monday the 14th, was the largest day in the history of the Museum with 179 people coming in between 9 A.M. and 5 P.M. This compared to some 30 persons the largest day of last October. If this is any indication of a growing season, this has been [illegible].

Visitors

Miss Dora Zilgin, photographer and author of the book "The Prairie," spent a day in the area. She was accompanied by Mr. and Mrs. Paul Schlatter, photographers.

RANGER SERVICE

Ranger Keefe spent the week of the 19th in attendance at a Forest Service Fire Training school near Jemez Springs. It proved to be a very fine school and will materially aid in planning and conducting fire prevention and suppression training for the other employees of this area.

FOREST FIRE PROTECTION

The fire danger began to move upward toward the end of the month and reached the "high" mark during the last few days. Plans are being made to man the lookout station early in May.

A meeting was held in this area on the 27th with representatives of the Forest Service and Atomic Energy Commission at which a co-operative fire detection and suppression agreement was worked out between the three agencies. The meeting was attended by Assistant Regional Forester Ratcliff and Ranger Keefe of the Park Service, Supervisor Flock and Rangers Stephens and Cutler of the Forest Service, and Mr. Bliss, forester for the Atomic Energy Commission.

STABILIZATION

Twenty four and a half days were spent on wall packing in Tyuonyi. Nine man days were spent hauling dirt and materials and the remaining days were spent packing the walls of 30 rooms.

One burial was uncovered in the excavation for dirt for the soil cement. The condition of the bones precluded the removal of the skeleton, so photographs were taken to show as much detail as possible.

PERSONNEL

Mr. Cipriano Ramirez, Albuquerque, New Mexico, entered on duty as clerk on the 13th. He spent two weeks in the Regional Office getting acquainted with his duties. It is with pleasure that we welcome Mr. Ramirez to the Park Service and we hope that he will enjoy his associations.

(SGD) FRED W. BINNEWIES

SIGNED: _____

Fred W. Binnewies, Custodian

Canyon de Chelly National Monument
Chinle, Arizona

April 27, 1948

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during the month of April, 1948.

Weather

April weather was about normal with a Maximum temperature of 84 degrees, and a minimum temperature of 22. There was .60 inches of moisture. After the cold weather of March and February, the late spring was welcome. The Canyons are running higher than normal due to the heavier winter moisture in the higher elevations. Nights have been cool and thawing has not been too rapid. If we get a few warm days and nights, I look for some damage to our soil and moisture work.

Administration

Office work got a little behind while I was working with a crew of navajo laborers on road, trail, and building repair, but I am papidly catching up.

Two trips were made to Gallup, New Mexico during the period, one for supplies and equipment, and the other to attend a meeting of the Gallup Chamber of Commerce with custodians Wilson, McNeil, and myself.

Maintenance

A crew of four men were put on helping me with road, trail, and building repair. Due to a more severe winter than normal, much more work was necessary than was anticipated last Fall. Outside plastering of quarters and repair of parapets was completed. The trail to White house was worked from top to bottom and is now in excellent condition. Sixty-one dump truck loads of dirt were hauled to fill the worst of the holes in the road. The large cottonwood trees at thunderbird ranch were closely trimmed by the concessioner, and I hauled the branches and logs to reinforce the dam at the mouth of the canyon, and to partially protect some of our plantings. I finally had to hire an additional man who could drive a car as my office work was getting behind.

A new toilet bowl and shower was installed in the trailer house, and it is being remodeled to conform with plans sent from the regional office.

Cougar Ga State National Guard
Stiles, Idaho

April 17, 1944

Assistant for the Regional Director, Twelfth Corps.

The following is a report on activities at Cougar Ga State National Guard during the month of April, 1944.

Weather

April weather was about normal with a maximum temperature of 83 degrees and a minimum temperature of 27. There was .21 inches of rainfall. After the cold weather of March and February, the late spring was welcome. The Cougars are running higher than normal due to the heavier winter precipitation in the higher elevations. Crops have been good and flooding has not been the rule. If we get a few warm days and nights, I don't see some damage to our soil and machine work.

Administration

Office work was a little behind while I was working with a crew of Service Laborers on road, trail, and building repair. Now I am pretty caught up.

The help were busy in April. Our Service during the period, was for supplies and equipment, and the office in attend a meeting of the Spring Conference of Conservation Officers, Idaho, and Oregon.

Maintenance

A crew of four men were put on Maintenance work trail, road, and building repair. Due to a more severe winter than normal, much more work was necessary. Some one additional lost fall. Overall maintenance of quarters and repair of equipment was complete. The trail to Mile Bridge was washed from the bottom out in one in exception conditions. Sidehill cuts trail of 40 feet were needed to fill the worst of the holes in the road. The large embankment being at Geographical Lands was already trimmed by the contractors, and I helped the Engineers and Lane to determine the due at the month of the engine, and to partially prevent from of and flooding. I finally had to bring in additional men who could drive a car as my driving work was getting behind.

A new bridge fund and shower was installed in the bridge house, and it is being remodeled to members with plans sent from the regional office.

A cleanup of grounds was made but with the high winds always prevalent during the month it is a continuous job.

Travel

With the exception of two periods during which we had heavy rains, roads have been in fair condition and our travel picked up considerably. We have been falling a little behind last years figures although our Fiscal year to date shows a slight increase.

Visitors

Mr. Ainsworth of the Los Angeles Examiner and an associate were in several days getting material for publication of articles on the Navajo Indian situation. Ranger and Mrs. M.S. Johnstone of Yellowstone National Park also were among the visitors this month.

Cooperating Non-Governmental Agencies

At the request of a committee formed by the Gallup Chamber of Commerce, a meeting was held in Gallup attended by Custodian Wilson of El Morro, McNeil of Chaco Canyon, and myself. This organization proposes to establish daily conducted caravans to the points of interest around Gallup New Mexico. They also plan a local School for members of business organizations and requested our assistance in giving talks or lectures in order to help these members get better acquainted with our areas.

Government Publications on hand

2-fold leaflets.....	1630
Glimpses of N.P.....	20
Map folders, SWRM.....	120
Mimeographed leaflets, CDC.....	400
Map Folder no G.....	300

Meredith M. Guillet
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~MONUMENT~~ COOLIDGE, ARIZONA Capulin N.M.

April 27, 1948

Memorandum for the Regional Director,
Region Three, National Park Service,
Santa Fe, New Mexico,

There followsa report of the activities in and around Capulin Mountain National Monument for the Month of April 1948.

Approximately twelve hundred visitors to the Volcano during the Month, This brings the total visitors for the Travel year to date six thousand six hundred and the total visitors for the fiscal year to twenty six thousand one hundred,

Weather,
has been ideal in the vicinity thru the month, with some slight snow and rain.
Rather heavy winds have prevailed most of the month but no extremely heavy winds have occured,

Flora and Fauna.
The early flowers are blooming and all grasses and trees are showing a shade of green. The entire vountryhere is blessed with an abundant deep moisture and proppects are very bright for a good season,
Our animals in the Park are in good condition altho I have found two dead deer this spring It is thought likely that there were caught by the coyotes as some damage was done by them all over the country during the big deep snow,

Roads and Trails,
are all open again and are in splendid condition to the top of the Volcano The park road has required considerable attention after the big snows of the winter.

Very Respectfully,
Homer J, Farr,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

April 25, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for April, 1948

General: The coming of spring has brought with it the usual increase in temperatures and the decrease in travel. For the first time in many months we have fallen below the same period of a year ago in total number of visitors. The main problem of city folk and farmers alike is the water situation. There are new wells all around us pumping for the first time and it is hard to predict the outcome, it has been reported that the water level in some wells has dropped over five feet just since the new wells started pumping. Coolidge Dam now has 15,000 acre feet of water compared to 6,000 a year ago, but that is just twenty days supply of water more than last year at this time. With the lack of water comes the shortage of electricity and they are asking the public to leave their coolers off several days each week so it promises to be a rough summer for all concerned.

Weather: Summer appears to be just around the corner with the thermometer reading above 95 for ten days in a row, three days above 100 with the highest reading 103. The low minimum was 35 and the high minimum 62. High winds and dust storms have made several of the days disagreeable. There has been no precipitation this month, only one inch has fallen so far in 1948.

Visitors: April 1948- 3238 : April 1947- 3703. Travel year to date 1948-28,013 : Travel year to date 1947- 25,785. This is a drop of 465 from April of last year. Travel has been cut in half since last month but Sundays are still big days with a good turnout, mainly Arizonians.

Interpretive Services: Of the 3238 visitors to the area, 2294 made the ruins trip in 210 groups, averageing 47.5 minutes per trip. 944 people visited the area for a quick look but did not make the ruins trip.

Maintenance: With the help of Steen's stabilization crew the 5 stall wooden garage was reduced to a two stall garage and moved back to the rear area. New screen doors were added and other minor repairs were completed on quarters 3-5. The heating stoves were taken out, cleaned and stored for the summer. The cooler for the museum was rebuilt and mounted. The area around the quarters, museum and picnic area has been completely cleaned up.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

April 30, 1942.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for April, 1942.

Weather: The coming of spring has brought with it the usual increase in temperature and the decrease in travel. For the first time in many months we have fallen below the same period of a year ago in total number of visitors. The main problem of city folk and farmers alike is the water situation. There are new wells all around us pumping for the first time and it is hard to predict the outcome. It has been reported that the water level in some wells has dropped over fifty feet just since the new wells started pumping. Coolidge has now has 12,000 acre feet of water compared to 6,000 a year ago, but that is just twenty days supply of water more than last year at this time. With the lack of water comes the shortage of electricity and they are asking the public to leave their coolers off several days each week as it promises to be a rough summer for all concerned.

Weather: Summer appears to be just around the corner with the thermometer reading above 85 for ten days in a row, three days above 100 with the highest reading 106. The low minimum was 55 and the high minimum 63. High winds and dust storms have made several of the days disagreeable. There has been no precipitation this month, only one inch has fallen so far in 1942.

Visitors: April 1941- 2438 : April 1942- 2002. Travel year to date 1942-30,012 : Travel year to date 1941- 32,755. This is a drop of 4% from April of last year. Travel has been out in half since last month but months are still big days with a good turnout, mainly tourists.

Interpretive Services: Of the 2002 visitors to the area, 1884 made the ruins trip in six groups, averaging 47.5 minutes per trip. 98% people visited the area for a quick look but did not make the ruins trip.

Maintenance: With the help of stone's rehabilitation crew the 2 small washes during were reduced to a few small gullies and moved back to the tree area. Now screen doors were added and other minor repairs were completed on quarters 2-B. The building stoves were taken out, cleaned and stored for the summer. The boiler for the museum was repaired and started. The area around the quarters, museum and picnic area has been completely cleaned up.

Ruins Stabilization: Archeologist Steen and his crew finished putting the caliche cap on the walls and ended operations here on April 1. They did a very good job and the new caliche cap looks much better than the old cement cap. Two of Charlies crew took the dump truck up to Tonto and are now working on the roads and trails there.

Administration and Protection: Two inspection trips were made to the Adamsville site and the warning signs that were put up last month appear to have done their job as there are no new signs of "pot hunting".

Trips Taken: On April 19, Mechanic Stonehocker took a load of lumber which was salvaged from the torn down garages to Organ Pipe Cactus National Monument, returning the next day. On the 21st he went to Phoenix to pick up some repair parts.

N.P.S. Visitors and Visitors of Note: On March 27, Archeologist Hendricks from Tonto was in to get their pick up which was in for repairs. On April 14, Custodian and Mrs. Cooke from Chiricahua were in to get a 3 KW light plant and visited the ruins while they were in the area. On April 18, Mrs. Hill, wife of Chief Clerk Hill, Yosemite N.P. and Miss Heimbach, visited the ruins. The packer from Saguaro brought in a water pump engine to be repaired on April 21.

Mechanics Activities: General repairs were made to the following equipment:

Area From.	Equipment.
Tonto Nat'l Mon.	Light Plant
Region Three	Condrete Mixer Panel Truck
Saguaro Nat'l Mon.	Ford Stake Truck Water Plant Pump Engine
Casa Grande Nat'l Mon.	Chevrolet Pickup Ford Pickup Autocar Tractor and trailer Kitchen Range for Quarters 5-5
Organ Pipe Cactus Nat'l. Mon.	Lumber and Supplies delivered Electrolux Refrigerator Horse Trailer

Water Sanitation: Bacteriologist Adams and his crew finished getting the equipment up on the walls and ended operations here on April 1. They did a very good job and the new equipment has lasted much better than the old equipment was. The 42 Chorlites were then sent back to Tokyo and are now working on the roads and bridges there.

Rehabilitation and Reconstruction: The inspection trips were made by the Rehabilitation and the working edges that were put up last month appear to have done their job as there are no signs of "cut backs".

Tokyo Depot: On April 11, General Headquarters took a load of Japanese with per diemed from the Tokyo Depot to Camp Fuji (Camp Natural Resources), returning the next day. On the day he was to return he got sick on Camp Fuji's porch.

P.O.W. Visitors and Visits of Duty: On March 27, accompanied Dentists from Tokyo was in my Fuji Area on duty in the vicinity. On April 14, Quartermaster and Ord. Depot from Chrysler were in to get a 3 KW light plant and visited the prisoners while they were in the area. On April 16, Mrs. Hill, wife of Chief Clerk Hill, Tokyo G.S. and Miss Tanaka, visited the Hills. The pacer from Sagami brought in a motor jeep engine to be repaired on April 21.

Equipment Delivery: Several inquiries were made as the following equipment:

Ayre Fuse.	Equipment.
Tokyo Dep't Mon.	Light Plant
Kagian Tanks	Gasoline Motor Pneu. Truck.
Sagami Dep't Mon.	Ford Dump Truck Motor Jeep Engine
Omaha Depot Dep't Mon.	Marvelle Tiers Ford Pickup Harvey Tractor and trailer Kibbee Dump for carriers
Tokyo Life Guard Dep't. Mon.	Motor and Engine Delivered Gasoline Lighter Horse Trailer

Personnel: Park Ranger Schuft was transferred to Lake Texoma Recreation Area on April 5. We are sorry to see Pete go. The ranger position was filled by Park Ranger Arnberger who entered on duty April 18. He was accompanied by his wife Gail and their nine month old son Robbie.

Nature Notes: The only cactus to bloom so far on the Monument has been the hedgehog in front of the museum, the ocotillo and creosote bushes are all blooming. The bats are showing a little activity with several hundred leaving the ruins every evening.

Leaves Taken: Mechanic Stonehocker took eight hours of annual leave on April 16.

A. T. Bicknell,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

April 25, 1948

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of April, 1948.

This month, there were 67 visitors came to Chaco Canyon. Of these, there were 63 paid admissions and 4 children less than 12 years of age. They came from the states of:- Colorado - 1 car, 4 visitors; District of Columbia - 1 car, 2 visitors; Iowa - 1 car, 5 visitors; Maryland - 1 car, 2 visitors; Michigan - 1 car, 1 visitor; Montana - 1 car, 2 visitors; New Mexico - 12 cars, 46 visitors; Texas - 1 car, 3 visitors and Utah - 1 car, 2 visitors. These people formed 23 ruins parties with 67 visitors, and 14 museum parties with 39 visitors. Archaeologist Aldo Hixey spent 5 hours and 5 minutes with some of them, and the custodian spent 29 hours and 10 minutes with others.

The approach roads to the Monument have been in good shape for the past few weeks. On Friday, April 9, the Custodian addressed the Directors of the Gallup Chamber of Commerce, at a dinner, regarding, in part, the Chaco roads. Immediate action was taken by the Chamber, and the roads from Gallup have remained in good shape. Incidentally, Custodians Wilson, Guillet and this one, were invited in by the Gallup Chamber of Commerce on April 21, to talk over and discuss with some of the men the problems in enticing those tourists passing through Gallup to stay a while and visit some of the points of interest near the city. It was a profitable meeting. The Gallup Officials have a well laid plan which should increase the visitor travel for these Monuments as well as help Gallup.

The weather this month has been much more pleasant than for the past three or four. The coldest was 16 degrees on the 28th of March, while the warmest was 82 degrees Fahrenheit on the 16th and 17th of April. Rain and/or snow fell on six different days which formed a total precipitation of .79 of an inch.

Various jobs about the Monument were begun, continued or completed. The exterior wood work of the residence, the oil house, the doors on the engine room,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHACO CANYON ..... NATIONAL MONUMENT

.....Crownfield, Gordon.....

.....April 26, ...

Superintendent, Chaco Canyon National Monument,
Via Director, Southwest Region.

Transmitted herewith are the reports of activities in Chaco Canyon National Monument for the month of April, 1940.

This month, there were 87 visitors come to Chaco Canyon. Of these, there were 69 paid admissions and 4 soldiers have from 19 states of U.S. They came from the states of: Indiana - 3 men, 2 women, 2 visitors; District of Columbia - 1 man, 2 relatives; Iowa - 1 man, 2 visitors; Kansas - 1 man, 2 visitors; Kentucky - 1 man, 1 visitor; Louisiana - 1 man, 2 visitors; Maryland - 1 man, 2 visitors; Massachusetts - 1 man, 1 visitor; Minnesota - 1 man, 2 visitors; Missouri - 1 man, 2 visitors; Nebraska - 1 man, 2 visitors; New Jersey - 1 man, 2 visitors; New Mexico - 1 man, 2 visitors; New York - 1 man, 2 visitors; Ohio - 1 man, 2 visitors; Oklahoma - 1 man, 2 visitors; Pennsylvania - 1 man, 2 visitors; Texas - 1 man, 2 visitors; Utah - 1 man, 2 visitors. These people traced 22 miles per visitor of visitors, and 14 means parking-vehicle 32- visitors. Automobiles also driver count 2 horse and 2 minutes with some of them, and the remaining spent 21 hours and 30 minutes with others.

The approach roads to the Monument have been in good shape for the past month. On Friday, April 5, the Superintendent accompanied the Superintendent of the Navajo Agency of Crownpoint, N. M. Mr. Crownfield, in part, the Chaco roads. Probably action was taken by the Agency, and the roads from Nacimiento have received the good shape. Unfortunately, Southwestern visitors, Navajos and this are, were invited to by the Navajo Agency of Crownpoint on April 23. We went over and discussed with some of the Navajo Agency officers the matter of keeping Navajos from the city. It was a particular while and visit some of the points of interest over the city. It was a particular meeting. The Navajo Agency officers have a well left plan which should increase the visitor travel for their Monument as well as help Navajos.

The weather this month has been much more pleasant than for the past three months. The climate was in January on the 20th of March, while the temperature was 30 degrees Fahrenheit on the 1st and 17th of April. This month's rain fell on six different days which caused a total precipitation of .49 of an inch.

Various jobs which the Monument were begun, continued or completed. The exterior work work of the residence, the old Kiva, the Stairs in the Gallery room,

the fuel oil storage room, and the garage, and the two Chic Sales were painted.

Several days were spent on the roads within the Monument. Most of this was grading.

About 14,000 willows were planted in the arroyo for erosion control. This job was completed. Nearly 1,000 were planted last month. Last Friday, Regional Soil Conservationist Balch and the custodian made a short inspection trip. Almost all of these plantings noted at that time were leafing out. Also, a large percentage of the willow post size cuttings set in last fall were leafing out.

Small jobs, such as reroofing part of a cess pool, after collapse, and covering, digging up and cleaning another sewer line; digging up and straightening the support posts under the ramada; cleaning the stable and horse lot; building a drain for the water in the campground; putting the blown-down radio aerial back up and others were done at odd moments.

A start was made on the Flood Diversion Project. Paul Balch went over the ground with Archaeologist Vivian and the custodian. Posts were contracted for and delivery is expected soon.

New hinges for the gates have been delivered but not yet installed.

One trip was made to Aztec and Farmington and two to Gallup.

The detached section on which Pueblo Pintado is located was visited.

National Park Service visitors included Assistant Superintendent and Mrs. Johnson from Yellowstone National Park; Custodian and Mrs. Bowen from Gran Quivira National Monument in on the 5th and 6th; Ranger Steel from White Sands in on the 18th and Paul Balch in on the 22nd through the 24th.

The trader reports that he has rented his cabins on a number of occasions this month. As the visitor season is getting underway, he has a good stock of rugs on hand and is getting more. Also, for the visitor trade, he is having the local Indians make small looms, about 2 or 3 feet high, with a small rug about half woven in each. They are quite novel, and he is hoping they will sell well.

There follows the report of Archaeologist Gordon Vivian.

Irving McNeil, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

April 27 19 48

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the report of Mobile Unit activities in your area for the month of April 1948.

With the improvement in weather conditions stabilization work was resumed on March 29th. The crew was started with three men and has been increased at this time to six with an additional three in the offing. Men are a little hard to find right now since this is lambing season and it will be followed by shearing time. Recruiting by the railroads has also increased. The labor supply seems definately lower than it was at this time last year.

Some cleanup was done and minor patches made around Pueblo Bonito in preparation for the visitor season. A new weed burner was tried out and appears very satisfactory on small growth at least.

The repairs made at Bonito included small patches, mainly on the benchs, ~~of~~ in seven kivas, A, C, D, E, H, L and P. Wall patches were made in 332 and 106B where accumulating surface water had washed out a small area. A new ladder was built for visitor traffic on the east side.

In addition to the regular work experiments continued on materials. Two sections of wall were built to test various waterproofing for mortars and a small piece of wall was laid with Aquella treated stone. Archeologist Aide Rixey continued to turn out reinforced concrete lintels and many of these have been incorporated in repair work.

At Chettro Kettle two small patches left unfinished at the start of freezing weather were finished ; one of the doorways on the north and below ground level where flood waters entered was dug out and sealed.

A large buttress section some 12 feet high was completed in the northeast corner of 55 to hold two unsupported wall corners. This included the rebuilding of a doorway in the east wall.

A bulged area in 44 was taken out in sections and rebuilt and a door opening in 53 is in the process of repair now. Also in progress is the

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chaco Canyon NATIONAL MONUMENT

Bloomfield, New Mexico

April 27 19 42

Superintendent for the Curvature,
Chaco Canyon National Monument.

There follows the report of Public Civil activities in your area for the month of April 1942.

With the improvement in weather conditions stabilization work was resumed on March 27th. The crew was started with three men and has been increased at this time to six with an additional three in the offing. Men are a little hard to find right now since this is lambing season and it will be followed by shearing time. Recruiting by the military has also increased. The labor supply seems definitely lower than it was at this time last year.

Some cleaning was done and minor patches made around Pueblo Bonito in preparation for the visitor season. A new weed burner was tried out and appears very satisfactory on small growth at least.

The repairs made at Bonito included small patches, mainly on the bonito, 42 in seven kivas, A, C, D, E, H, I and J. Small patches were made in 102 and 1040 where accumulating surface water had washed out a small area. A new ladder was built for visitor traffic on the east side.

In addition to the regular work experiments continued on materials. Two sections of wall were built to test various waterproofing for mortars and a small piece of wall was laid with Lapella treated stone. Individual bids they continued to turn out reinforced concrete lintels and many of these have been incorporated in repair work.

At Chaco Kaiis two small patches left unfinished at the start of freezing weather were finished ; one of the doorways on the north and below ground level where flood waters entered was dug out and sealed.

A large buttress section some 12 feet high was completed in the northeast corner of 55 to hold two unsupported wall corners. This included the rebuilding of a doorway in the east wall.

A bulged area in 44 was taken out in sections and rebuilt and a door opening in 55 is in the process of repair now. Also in progress is the

removal and rebuilding of the north wall of Kiva G. This is a major job and will require most of the next month. The wall is one that has settled and moved outward continually since the flood though the water did not reach it. In the thirteen feet of wall that are exposed on the north exterior of the kiva settlement has been three to four inches and outward movement at the top has reached one foot four inches.

Office work in the main has been trying to extract Loyalty Data from the Navajo hired and completion of the stabilization records for 1947 as well as keeping the current records up.

Gordon Vivian
Archeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CHIRICAHUA NATIONAL MONUMENT

Dos Cabezos, Arizona

April 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows a report of activities at Chiricahua National Monument for April.

Weather Conditions. Dry and windy. .06 inch of rain fell during the report period.

Special Activities. The Custodian made a trip to Casa Grande National Monument on April 13, 14 and 15, to secure another 3 KW light plant. With two of the 3 KW plants we hope to keep one of them in working order. The 10 KW plant burned more gas than we could afford.

Inspections. Three inspectors, Mr. George R. Bartlett, Mr. Kenneth M. Westerling, and Mr. Walter L. Malone, from the General Accounting Office, Los Angeles, representing the Compotroller General's Office, gave the Chiricahua office an inspection on April 23. Everything was OK we think and hope.

General Publicity. Chiricahua was favored with eight pages of pictures and story in the April issue of the Arizona Highways.

Maintenance. The entire 18 miles of telephone line has been brushed out this spring. This includes the line from Headquarters to Portal and the Massai Point--ugar Loaf branch. The underground passage where the Sugar Loaf branch goes under the road to join the main line is not working. We expect to replace this in a day or two. Then the whole line should be in good working condition. A new portable telephone has been received and is a great help in checking the telephone line.

A man was hired April 5 to help Marble get caught up on the road and trail maintenance and the enlarging of the parking area. This man lasted 15 working days and another started work today.

New Construction. With the help of a laborer, Operator Marble has accomplished most of the work planned on the enlarging of the parking area, at Headquarters.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Jefferson National NATIONAL MONUMENT

San Ildefonso, Arizona

April 24 , 19 44

MEMORANDUM for the National Director,
Region Three.

There follows a report of activities at Jefferson National Monument for April.

Weather Conditions. Dry and windy. .02 inch of rain fell during the report period.

General Activities. The Superintendent made a trip to San Ildefonso National Monument on April 13, 14 and 15, to assume duties of Ranger Chief. Both men of the 3 CC Camps are hope to keep one of them in service order. The 12 CC Camp formed here has been ordered off.

Inspections. Three inspectors, Mr. Donald A. Bailey, Mr. Donald H. Parsons, and Mr. Elton L. Malone, from the General Accounting Office, Los Angeles, represented the Comptroller General's office, Pacific Coast Branch office on inspection on April 18. Everything was in order and hope.

General Maintenance. Chainsaws and lawnmowers with eight years of service are ready to the April issue of the Arizona Highways.

Maintenance. The system 12 miles of telephone line has been repaired and wire spring. This isolates the line from Bandelier to Santa Fe and the Santa Fe-Taos-Taos line. The underground passage along the Taos line through Taos which the road to this the main line is not working. We expect to replace wire in a day or two. Then the whole line should be in good working condition. I have personally telephone has been received and is a close help in operating the Bandelier line.

A very low wind April 4 in high mountain not damage as to the road and trail maintenance and the building of the parking area. This has helped in working days and morning started work today.

Fire Protection. With the help of a Bandelier Superior Ranger has accomplished most of the work planned on the maintenance of the parking area. of Bandelier.

Approaches to Monument. Roads are dry and dusty, and numerous complaints are received about State Highway 181 where the state is preparing the road for oiling.

Concessioners. The Silver Spur Ranch is changing management again on May 1. While this ranch is not a concessioner, it does furnish meals and lodging to many monument visitors.

Interpretive Services. Six conducted trips with 26 visitors were made. One lantern slide talk to 15 persons was made at the Silver Spur Ranch. 1424 visitors in 344 parties were contacted in the museum.

Travel. 1622 visitors were recorded for this month. This compares with 1577 for April of last year. The travel year is now 6647 as compared with 7244 at this time last year. We hope to catch up with last years travel when the approach road from Douglas is oiled.

Forest Fire Protection. The forest is very dry both on the monument and on the surrounding National Forest land . The local forest ranger plans on putting up some lookouts on May 3 and we plan on putting Lookout Windes on Sugar Loaf about the same time.

Clair V. Cooke

Clair V. Cooke,
Custodian.

Christiansen, page 2.

Interviews to Economy. Meals are dry and dusty, and numerous complaints are received about -this journey (if where the state is responsible the road for miles.

Concessionaire. The driver gave much in creating management which is my 1. While this remark is not a commendatory, it does furnish meals and lodging to many monument visitors.

Interpretive Services. Six conducted trips with 32 visitors were made. The Jackson Hole Talk to 15 persons was made at the Silver Spur Ranch. 1424 visitors in 344 parties were contacted in the museum.

Travel. 1,002 visitors were recorded for this month. This compares with 1477 for April of last year. The travel year is now 10% ahead with 7244 at this time last year. It goes to press by with last year travel when the approach road from Moulton is added.

Forest Fire Protection. The Forest is very dry due to the snowfall and to the surrounding National Park land. The local forest rangers plans on putting on some lookouts on May 3 and we plan on putting Economy tickets on Sheep Lake about the same time.

Glenn H. Goodr

Glenn H. Goodr,
Chief Ranger.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

April 25, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in El Morro National Monument for the month of April, 1948.

WEATHER: High winds and overcast skies made this April feel a bit cool although the maximum temperature did reach 80 degrees. A minimum of 10 degrees was recorded. The total precipitation amounted to .70 inches and five inches of snow fell.

TRAVEL: During the first two weeks of the report period we had very few visitors, however, as road conditions improved so did our travel count. From 10 different states, District of Columbia, Sweeden and Holland came 92 visitors in 32 cars and one airplane. The tour of the inscriptions was made by 76 people in 23 trips and the total guide time amounted to 24 hours and 15 minutes. Sixteen lost souls stopped for information.

APPROACH ROADS: Another historical event has occurred, ie., a county grader actually came within two miles of the monument on the Grants road. Both roads are in fair shape now, inspite of the visitor's greeting "Well we made it"!

EDUCATIONAL ACTIVITIES: It is the intention of the Gallup Chamber of Commerce to organize and conduct tours to Canyon de Chelly, Chaco Canyon and El Morro National Monuments this summer and on April 20th. a meeting was attended in Gallup to discuss plans for these tours and also an educational program of informing all hotel personnel, store clerks, filling station attendants, etc. about these areas, so that they can give the tourist correct information. Custodians McNeil and Guillet were present and a tenative schedule for talks and tours was made.

GENERAL: Three days of annual leave was taken on a trip to Santa Fe and two trips to Gallup were made for supplies. Current office work and Project Construction Program revisions have taken up the time when visitors were not around.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____

_____ April 6, _____

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in El Morro National Monument for the month of April, 1940.

ATTENDANCE: Fine weather and reduced gasoline made this April feel a bit cool although the maximum temperature did reach 80 degrees. 1 minimum of 12 degrees was recorded. The total precipitation amounted to .77 inches and five inches of snow fell.

VISITORS: During the first two weeks of the report period we had very few visitors, however, as road conditions improved we did our travel round. Visitors from 12 different states, District of Columbia, Canada and England made 73 visitors in 24 cars and one airplane. The tour of the interpretive trail made by 73 people in 22 trips and the total guide time amounted to 24 hours and 12 minutes. Sixteen lost souls stopped for information.

MISCELLANEOUS NOTES: Another historical event has occurred, i.e., a county water actually came within the sales of the monument to the Zuni pueblo. Will roads also in this shape now, despite of the visitor's greeting:"How we make it?"

EDUCATIONAL ACTIVITIES: It is the intention of the Valley Chamber of Commerce to organize and conduct tours to Canyon de Chelly, Chaco Canyon and El Morro National Monuments this Summer and on April 5th, a meeting was attended in Gallup by Mission plans for these tours and also an educational program of interesting all local personnel, state clubs, Gallup station attendants, etc. about these areas, so that they can give the tourist correct information. Chaco Canyon NMMMII and Gallup were present and a tentative schedule for talks and tours was made.

GENERAL: Three days of general leave was taken on a trip to Zuni to see the corpse in Gallup was made for supplies. Current office work and Project Construction Fracture reviews have taken up the time when visitors were not around.

Number of Copies of free publications on hand as ~~of~~ the end of April, 1948.

2-fold Spanish edition----------3735

2-fold English edition---------- 549

16-page booklet----------7502

Bates E. Wilson,
Custodian.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

APRIL 25 48

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of April 1948.

General. April has been a dry month with considerable wind. Travel has picked up, but does not equal that of last year. This is probably due to inaccurate counts while the custodian was away from the area.

Weather Conditions. Dry and warm for the most part with some wind and drifting sand. A total of 0.54 inches of moisture was received during the report period. A maximum of 83° was recorded on April 18; a minimum of 25° on April 2.

Special Activities. On April 5,6,and 7 the Custodian went to Chaco Canyon to exchange the near-exhausted Ford coupe for a 1940 Chevrolet pickup. The Chevrolet is in excellent shape and our full appreciation goes to the McNeils for their hospitality and the 100% overhaul on the Chev.

April 8 to 11 were spent at White Sands assisting in Playday. A gala occasion and quite a contrast to the relative peace and quiet of Gran Quivira.

On April 21 in response to a telephone call from Mr. Davis, I joined Mr. Ratcliff at Ancino and accompanied him to Big Bend on a fire call. It was the ideal fire, being under control when we arrived on the morning of the 22d. One day was spent at Big Bend, and I returned to Gran Quivira on the 24th. Contact work and general coordination of the repair and rehabilitation program was handled without a hitch by Mrs. Bowen while I was gone.

Repair and Rehabilitation. Repair was begun on the old custodian's residence on April 14 with four local men. Work has gone very well, but the money has gone faster. The mud chinking was removed and walls pointed inside and out with cement. Work is now progressing on redapping the walls preparatory to placing the plate to tie the roof to. Formerly the roof was held on with wire. Considerable wall had to be torn out and relaid which is time consuming to say the least.

No bids were received for roofing materials; however, I was able to obtain the entire order from the Harkey Lumber Co. at Carrizozo at a 10% discount.

It is hoped that funds can be found to put on the new roof and run a cement floor on all but the restroom section at this time. The restroom floor will have to wait until funds are available for the necessary plumbing connections.

CWA DIVISA

CLAY DITTIN, NEW MEXICO

April 30

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Cwa Dwivis for the month of April 1934.

General. April has been a dry month with considerable wind. Travel has picked up, but does not equal that of last year. This is probably due to inactive courts while the customers are away from the area.

Weather Conditions. Dry and warm for the most part with some wind and drifting sand. A total of 0.34 inches of moisture was received during the report period. A maximum of 90° was recorded on April 10; a minimum of 28° on April 2.

General Activities. On April 5,6,and 7 the Construction work in Sheep Canyon to accommodate the near-admitted Cwa camps for a 1934 Conservation plotted. The Overview is in excellent shape and our fall conservation work in the mesalia for their beautifully and the LCCC weekend on the Cwa.

April 8 to 11 were spent at Cwa Dwivis assisting in Cwa. A pale occasion and quite a contrast to the relative peace and quiet of Cwa Dittin.

On April 21 in response to a telephone call from Mr. Dwis, I joined Mr. Detailff at Dwivis and accompanied him to Cwa Dwivis, I joined Mr. Detailff at Dwivis was accompanied him to fly back at a Cwa well. It was the least Cwa, only under control when we arrived at the Dwivis of the 22d. The day was spent at Cwa Dwivis, and I returned to Cwa Dittin on the 24th. Constant work and general maintenance of the camps and roads. Initiative program was initiated without a crisis by Mr. Cwa Dwivis with I was gone.

Equip and Maintenance. Equip was taken at the air contractor's residence on April 14 with four local men. Work has gone very well, but the money has gone faster. The mud chinking and pointed and walls building inside has cut with cement. Work is now proceeding on repairing the Cwa Dittin property to place the plate in the wall. Currently the roof was filed as air-tight. Considerable will had to be done out and which Cwa Dwivis in this pro-ceeding to any the local.

No funds were received for roofing materials; however, I was able to obtain the entire order from the Cwa Dwivis Lumber Co. at Cwa Dwivis on a 10% discount.

It is hoped that funds can be found to put on the new roof for the cement floor as all but the reflecting section at this time. The reflection floor will have to wait until funds are available for the necessary plumbing connections.

An emergency wage was approved for hiring a platerer to refinish the living room. Now the plasterer has reneged, and I am trying to locate another one.

Approaches to Monument Area. The Mountainair approach is in average shape, a bit rough but not too discouraging. The 8½ miles under construction is about ready for oil.

Sand has periodically closed Hiway 10 to Claunch. A sign routing prople west and north was placed at Claunch on April 13 and has kept some visitors from getting stuck.

Interpretive Service. 36 parties totalling 128 people were guided through the ruins. Average trip time 42 minutes. A considerable part of this was done by Mrs. Bowen during the latter part of the report period.

Research and Observations. First rattlesnake on Easter Sunday, March 28. More since then. The cool weather still has them hunting their holes at night and staying close in the daytime. Ah! the mixed blessings of spring at Gran Quivira.

New bird records for the Monument this month:

Evening Grosbeak	March 26
Ladder-backed Woodpecker	March 27
Spurred Towhee	April 17

Increase or Decrease in Travel. A continued but lesser decrease this month. Since no one was here for 7 days of the report period, it is very possible that enough cars were missed to make up the deficit. A "sing" at the local church on April 4 brought 10 cars and 44 visitors for a "big" day.

	CARS	VISITORS
April 1948	57	174
April 1947	69	220
Decrease	12	46
Percent Decrease	17.39	20.91
This travel year	227	656
Last travel year	285	954
Decrease	58	298
Percent Decrease	20.35	31.24

Visitors. Dr. C. L. Sonnichsen, College of Mines, El Paso, Texas on March 27. Dr. Sonnichsen is gathering material for a book on this region.

Dale King and Mr. & Mrs. Allan Vetter on April 8. Plans for a future museum and interpretive program were discussed.

Ranger Paul Steel, White Sands on April 12. Mr. Steel picked up a stove for Arches which is to be delivered along with a trailer house in the future.

William L. Bowen,
Custodian.

An emergency ward was opened for sixty a platoon to relieve the [illegible] room. Now the [illegible] has changed, and - he trying to [illegible] another one.

Interchange to Summer [illegible]. The [illegible] appeared in [illegible] shape, a bit rough but not too [illegible]. The oil mine under construction is about ready for oil.

Food has particularly closed down in Clemens. A [illegible] people west and north was placed at Clemens to avoid [illegible] and has been [illegible] visitors from getting [illegible].

Interpretive Service. [illegible] visiting the people were [illegible] the rules. [illegible] fully [illegible] at minutes. A considerable part of this was done by [illegible] during the latter part of the report period.

Research and Conservation. Five [illegible] on Center Ranger, [illegible] were [illegible] them. The cool [illegible] have been [illegible] at [illegible] and another [illegible] in the region. All the [illegible] of [illegible] at [illegible].

[illegible] for the [illegible] were:

[illegible] Creek	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Increase or decrease in travel. A [illegible] that [illegible] this [illegible] [illegible] one [illegible] for 7 days of the report period. It is very [illegible] that [illegible] were [illegible] to [illegible] of the [illegible]. A "[illegible]" at the [illegible] should [illegible] 4 [illegible] 13 [illegible] for a "[illegible]" day.

	Auto	Pedestrian
April 1918	[illegible]	[illegible]
April 1917	[illegible]	[illegible]
Decrease	[illegible]	[illegible]
Percent decrease	[illegible]	[illegible]
This travel year	[illegible]	[illegible]
Last travel year	[illegible]	[illegible]
Decrease	[illegible]	[illegible]
Percent decrease	[illegible]	[illegible]

Visitors. Mr. [illegible] visitors at Kiowa, [illegible] Jung. [illegible] [illegible]. Conversation is [illegible] for a [illegible] in this region.

[illegible] Lake King and [illegible] Mr. [illegible] on April 8. [illegible] for a little [illegible] and interpretative [illegible] discussed.

Danger Tree [illegible] on April 12. [illegible] placed up in [illegible] for [illegible] which is to be [illegible] along with a trailer house in the future.

[illegible] L. Green.
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

April 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for April, 1948.

WEATHER. Spring is trying to return to the San Luis Valley, but is having a hard time overcoming winter.

A minimum of 10 was registered on March 31. The maximum of 76 was reached on April 17.

Snow fell on March 30,31; April 11,12,23,24 and 25. Four inches of snow fell on the 25. Our 6th northeast storm occurred on March 31.

Showers fell on April 21 and 22. There were 11 clear days; 9 partly cloudy days; 11 cloudy days; and strong winds blew on 16 days.

The Medano is running very high and is covering the entire eastern side of the Sand Dunes. The water in the Rio Grande is also at a high level and there is still a threat of flood in the valley.

The Sangre de Cristo range is beautiful with a deep covering of snow. The farmers and ranchers are having great difficulity in planting their crops of potatoes and alfalfa, due to excessive amount of water in the fields.

A Taylor minimum-maximum thermometer was purchased by the custodian for his personal use in recording the weather variations at this area. For a long time correspondence has been carried on with the Denver Weather Bureau in an attempt to obtain a weather station, but this non-cooperating government agency does not believe we need a station here. It might surprise them to know we have had some interesting data recorded on a minimum thermometer bought from the Army Signal Corp.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
[illegible]
[illegible], Colorado.

April 28, 1948.

[illegible] for the Regional Director,
Region Five.

There follows the report of activities in Great Sand Dunes National Monument for April, 1948.

Weather. Spring is trying to return to the San Luis Valley, but is having more than a struggle this year.

A minimum of 10 was registered on March 31. The maximum of 70 was reached on April 17.

Snow fell on March 30,31; April 11,12,13,24 and 25. Four inches of snow fell on the 24. The 25th marked the coldest on record 31.

Showers fell on April 11 and 12. There were 11 clear days, 8 partly cloudy days, 11 cloudy days, and strong winds blew on 16 days.

The season is running very dry and is reaching the critical stages of the Sand Dunes. The water in the Rivers is also at a high level and there is still a threat of flood in the valley.

The Sangre de Cristo range is heavily with a deep covering of snow. The farmers and ranchers are having great difficulty in planting their crops of potatoes and alfalfa, due to excessive amount of water in the fields.

A Taylor minimum-maximum thermometer was purchased by the [illegible] for this periodical use in recording the weather variations at this area. For a long time [illegible] has been carried on with the Denver Weather Bureau in an attempt to obtain a similar station, but this non-cooperating government agency does not believe we need a station here. It might surprise them to know we have had some interesting data recorded on a minimum thermometer bought from the Army Signal Corp.

TRAVEL. Five hundred twenty-one visitors in one hundred forty-five cars visited the Sand Dunes during this report period. Twelve states were represented. Two hundred twenty-six people took advantage of the picnic area. One written request was received for six leaflets.

INCREASE IN TRAVEL. With a change in the weather, travel suddenly spurted to a new high in comparison to last year's travel. For April, 1947, there were 107 cars and 382 visitors.

ROADS. The State graded the approach road on March 27 and April 24. However, due to the last snow storm on the 25, the road became badly rutted in the valley and several heavy trucks were stuck in the mud. Four miles of the approach road needs draining and graveling. There has been some talk of either the state or county doing this work this spring.

Talk has sprung up again about completing the road over Mosca Pass and oiling the approach road to the monument.

The monument road is in excellent condition to headquarters, but the road to the dunes and picnic area is in poor condition.

N.P.S. VISITOR. Architect Saunders was in on April 19, to inspect work started on installing the oil burning furnace.

ACTIVITIES. Usual routine duties of hauling water, fuel oil, gasoline, wood, ashes and garbage. Office matters were kept current.

TRIPS. A trip was made to the Saguache County Court House on land matters for the NPS-L-3 forms for this monument. Data was obtained on the legal description in deed book and page for the following: TWP 41 N, R.12E; T.26S, R.73W and T.25S, R73W of state land. Also data was obtained on land owned by G.L. Zeigler; J.W. Williams and G. White.

A further check was made on boundary lines with W. Williams who made a trip with me to the upper sand dunes, to check on the south boundary of Section 23. The land here is in poor condition due to the encroaching and shifting sands.

A trip was made to Monte Vista for information on the furnace and propane projects at headquarters.

Several trips were made to Alamosa for information on propane installation and the hauling of gasoline, supplies, mail and etc.

VISITORS. Five hundred twenty-one visitors in one hundred forty-five cars visited the Dead Dams during this report period. Twelve states were represented. Two hundred twenty-six people took advantage of the picnic area. One written request was received for six leaflets.

WEATHER IN TRUTH. With a change in the weather, travel suddenly spurred to a new high in comparison to last year's travel. For April, 1947, there were 107 cars and 322 visitors.

ROADS. The Dam proper and the approach road as far as the fifth ha. Downer, due to the last snow storm on the 6d, the road became badly rutted in the valley and several heavy trucks were stuck in the mud. Our thanks of the approach road made drifting and gravelling. There has been some talk of either the state or county doing this work this spring.

This has sprung up again about completing the road over Bosco Pass and oiling the approach road to the monument.

The monument road is in excellent condition to Dead-Horse, but the road to the dams and picnic area is in poor condition.

R.P.S. VISITORS. Architect Faulkner was in on April 10, to inspect work started on installing the oil burning furnace.

ACTIVITIES. Usual routine duties of hauling water, fuel oil, gasoline, wood, ashes and garbage. Office matters were kept current.

TRIPS. A trip was made to the Sagrada County Court House on land matters for the SPH-1-3 form for this monument. Data was obtained on the legal description in dual book and page for the following: TWP 41 N, R.18W; T.4N, R.7W and T.4N, R7W of state land. Also data was obtained on land owned by U.S. Reclamation; J.W. Williams and O. Wells.

A further check was made on boundary lines with W. Williams who made a trip with us to the upper sand dunes, to check the south boundary of Section 20. The last have is in poor condition due to the surrounding and adjoining owns.

A trip was made to Santa Vista for information on the furnace and propane projects at headquarters.

Several trips were made to Alamosa for information on propane installation and the hauling of gasoline, supplies, mail and etc.

INSTALLATION OF FURNACE. Work was begun on April 7 in the installing of the 120,000 BTU oil burning furnace. Todate almost 80% of the work is completed. Register holes were chipped and chisled for a 16 inch register to the living room; 12 inch to kitchen; 10 inch in both bedrooms; 10 inch to dining room; and 8 inch to bathroom. Cold air ducts were also chisled. Much difficulity was encountered in this work by the thickness of the cement floors which ranged from 10-12 inches. The steel reinforcing rods were another headache and when exposed, were cut by a torch. It is hoped that another week of work will put the furnace into operation.

INSTALLATION OF PROPANE SYSTEM. The propane tanks, copper tubing, valves and other parts were installed and the Servel refrigerator was in operation at noon on April 27. This box will bring us much joy and save us money and also the government in cutting down trips to town for ice and supplies.

WATER SYSTEM. Another song of rejoicing on our part was the thawing of the water line on April 16. The mud and sand, mixed with some water flowed again in the residence. Both tanks were cleaned and the water should clear after more usage. It is hoped that this system can be placed in A-1 condition for next winter.

LIGHT PLANTS. Both plants have been in constant operation for the most part of this report period, to furnish light and power for electric tools needed for the installation of furnace and propane system. No. 2 plant is operated during the day and No. 1 at night. Weekly checkups are made and parts were obtained for the No. 1 plant which has a worn fan pulley and crankdog. This will be installed as soon as time permits. With increased usage of these plants, it was necessary to haul more gasoline since there is no storage facilities at this area.

ELECTRICAL SYSTEM. The system received much abuse due to increased usage and several wall receptacles were damaged. These were shorted and began burning which caused smoked spots on the wall finish. These will be replaced as soon as time permits.

PROJECTS FOR THE ENSUING MONTHS. Completion of the installing of furnace; repairs to light plants; repairs on electrical system; cleanup of basement and house after the furnace is installed; painting walls and floors throughout the residence; obtain revised wage board rates for this area; check all fire fighting equipment; check south boundary;

INSTALLATION OF FURNACE. Work was begun on April 7 in the installing of the 100,000 BTU oil burning furnace. Today almost all of the work is completed. Heavier tubing was obtained and chimney for a 10 inch register in the living room is down to kitchen, 10 inch in bath is down bedroom 10 inch to utility room and a inch to bathroom. Cold air ducts were also obtained. Much difficulty was encountered in this work by the laborers of the owner figure wages range from 10-12 dollars. The steel reinforcing rods were another problem and when exposed, were cut by a torch. It is hoped that another week of work will put the furnace into operation.

INSTALLATION OF PLUMBING SYSTEM. The propane tanks, copper tubing, valves and other parts were installed and the new refrigerator was in operation at noon on April 20. This box will hold ice cubes jay and save on money and also the government is cutting down urge to save for ice and supplies.

WATER SYSTEM. Another step of relocating on our part was the tracing of the water line on April 18. The mud and sand, piled with more water flowed again in the residence. Both tanks were cleaned and the water should clear after more usage. It is hoped that this system can be placed in A-1 condition for pure water.

LIGHT PLANTS. Both plants have been in constant operation for the most part of this report period, to provide light and power for electric tools needed for the installation of furnace and propane system. No. 1 plant is operated during the day and No. 2 at night. Nearly checkups are made and parts were obtained for the No. 1 plant which has a worn fan pulley and crankshaft. This will be installed as soon as the parts. With increased usage of these plants, it was necessary to haul more gasoline since there is no storage facilities at this area.

ELECTRICAL WIRING. The system received most cause due to increased usage and several wall receptacles were damaged. These were shorted and began burning which caused smoke spots on the wall tiles. These will be replaced as soon as time permits.

PROGRESS FOR THE MONTH ENDING. Completion of the installing of furnace; repairs to light plants; repairs on electrical system; cleaning of basement and water after the furnace is installed; painting walls and floors throughout the residence; details revised wage board rates for this area; check all fire fighting equipment; clear area boundary.

and repairs on the Dodge 4x2 which needs a master cylinder in order to have brakes and welding done on the tail-gate to hold it in place.

Visitor contact will be done on Sundays as in the past.

Ted C. Sowers,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

April 24, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report for Montezuma Castle National Monument for the month of April, 1948.

Visitors this month to Castle and Well - 2482; this travel year to date, 10,777. Travel figures from Montezuma Well are incomplete since the employee there spent most of his time getting the quarters ready for occupancy.

Administration Visitor contact has taken most of our time with six to seven hours per day spent on this work. Week days usually bring 50 to 70 visitors and Sundays up to 200. Except on Sunday we offer no guided trip at noon and start the last one for the day at 4:00 P. M. With these restrictions and the limit of 9 visitors per party there are many visitors who are disappointed when they cannot climb into the Castle. Although we have had 5 per cent more visitors to the Castle than the 2003 counted last year, we have had 27 per cent less visitors through the ruins, because then we were offering guided trips at noon and 5:00 to 6:00 P. M.

Office administration and maintenance are being done on a "catch-as-catch-can" basis with employees contributing considerable time before and after hours and on days off.

Our quota of franked mailings was checked and it was discovered that through an error we had exceed the quota of 175 for 7 months by 9. Since that time this custodian has personally paid postage on all pieces of mail sent for three cents.

Bids have been circulated for re-roofing the custodian's residence.

Considerable effort has been spent in locating a candidate for our temporary ranger position. Trips were made to Cottonwood and to Flagstaff and correspondence has finally resulted in the recommendation of W. Wayne Boyle, student at the University of Arizona, Tucson.

Weather The weather has remained unusually cool with recent snow storms in Flagstaff and Prescott. The maximum was 92 degrees and the minimum 30 degrees on the 1st, 12th, and 24th.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

April 24, 1944.

MEMORANDUM for the Regional Director, Region Four.

There follows the monthly report for Montezuma Castle National Monument for the month of April, 1944.

Visitors this month to Castle and Well - 7887. This trend per to date, 12,777. Travel figures from Montezuma Well are incomplete since the employee there spent most of his time painting his quarters ready for occupancy.

Administration. Visitor contact has taken most of our time with six to seven hours per day spent on this work. Week days usually bring 40 to 70 visitors and Sundays up to 200. Tonight on Sunday we after no guest only at noon and start the last one for the day at 4:30 P. M. With these restrictions and the limit of 8 visitors per party some are very cautious who are disappointed when they cannot climb into the Castle. Although we have had 2 per cent more visitors to the Castle than the 2003 counted last year, we have had 27 per cent less visitors climb the rules,because that we were offering guided trips at noon and 7:00 P. M.

Office administration and maintenance are being done on a "catch-as-catch-can" basis with employees contributing considerable time before and after hours and on days off.

Our week of Planned publicity was ended and it was discovered that Canada so much so had caused the group of 175 for 7 months by 8. Since that time this outstanding and personally paid postage on all pieces of mail sent out by three cents.

Air rays been circulated for recording the mechanical residence.

Conservation effort has been spent in finding a medium for our temporary ranger position. Trips were made to Cottonwood and to Flagstaff and correspondence has finally resulted in the recommendation of T. Tyree Tuggle, student at the University of Arizona, Tucson.

Weather. The weather has remained unusually cool with rainy days storms in Flagstaff and Prescott. The maximum was 82 degrees and the minimum 32 degrees on the 1st, 12th, and 16th.

Visitors There were 2107 visitors to Montezuma Castle and 375 to Montezuma Well. Cars counted at the Castle - 659; Montezuma Well - 115. Tickets sold at the Castle - 578; tax but no ticket - 36; children who climbed free - 63. We had to disappoint one middle-aged lady with a broken arm who wanted to climb into the Castle. She stated the arm had been broken three weeks and had not kept her from doing anything she wanted to yet but she was informed we could not let a handicapped person climb the ladders.

Contact Time Total contact hours - 193. Hastings - 100.50; Leding 92.50. No contact time was recorded at the Well. One hundred and sixty trips were made through the Castle for 677 visitors and 824 visitors saw the museum in 118 groups. Many visitors were uncounted and unattended in the museum. Five hundred and twenty-two visitors received information outside the ruins or museum.

Maintenance At Montezuma Well the contractor completed his work of remodeling the quarters and museum on March 31 and Archaeologist Schroeder spent most of the month completing work necessary to make the quarters habitable. He is expected to move there April 28 and 29. Connections for the gas range and water heater have been checked and these appliances vented. Difficulty was experienced with the new water pump due to damage from freezing and corrosion from non use for several months. The pump is still not functioning properly.

The modern irrigation ditch at Montezuma Well was cleaned out by the various water users on April 12 and 13.

At Montezuma Castle a new automatic water heater was installed in Residence No. 1. Work was completed in giving all our wooden signs a coat of raw linseed oil.

Newsworthy Visitors Dr. Getty, Dept. of Anthropology, University of Arizona visited both Montezuma Castle and Montezuma Well.

The custodian spent about three hours on a day off with A. W. Jarrett, Information Specialist, Soil Conservation Service, Albuquerque who wanted pictures of the Castle and the Indians activities in the valley. He plans to tie this in with a project at Cottonwood to completely re-make a delapidated farm in one day to demonstrate conservation practices.

Unusual Activities Flood waters in Beaver Creek stranded Mrs. John Palmquist in a little shack across the creek on the old Davis property. Her husband is a veteran in the hospital and for more than a week we ferried mail and supplies across to her on a wire. This was done after hours and on days off or by the Custodian's family.

Research Paul Spangle and David Goodwin, students at Arizona State College, Flagstaff are continuing their project to collect herbarium specimens at Montezuma Well.

HOMER F. HASTINGS
CUSTODIAN

Homer F. Hastings,
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

April 25, 1948

MEMORANDUM for the Director, Region Three

There follows a monthly report of activities in this area for the month of April 1948.

VISITORS: 22 visitors reached this area in six cars. Five parties totalling 18 people were guided on Sandal Trail to Betatakin Point. One party of 5 was shown Scaffold House from Segi Point using the telescope. One party to Betatakin and one to Scaffold House and a party of one was guided to Inscription House.

WEATHER: Maximum temperature 76 degrees on the 17th, minimum temperature 19 degrees on the 12th. Snow fell on the 11th and 23rd. A thunder storm occured on the 21st. Total precipitation for the month 0.23 inches. High winds on the 10th 21st and 22nd have made the country quite dry and dusty.

ROADS: The approach road is in better than average condition excepting 100 yards in Klethla Valley. This is impassable for inexperienced drivers. The windblown sand dune has moved directly across the road. Three lengths of drift fence are fighting a loosing battle. (See Co-operating Government Agencies). On April 5, Bob Black, Keith Shepard and I removed three lengths of drift fence from the West side of the Shonto and erected it on the West side of the approach road in Klethla Valley. While working in the Valley we were able to commandeer the USIS road grader to push the sand off the road. Some blow-sand and much dryness has rendered this stretch of road difficult. A sign stating "Shonto Road Is Better" was erected at the junction.

ROADSIDE DIRECTIONAL SIGNS: In addition to the above mentioned sign two new routed signs were placed on the Kayenta Road at the Shonto turn-off. All signs (11) not including Shonto or Headquarters were dyed and repainted. Two signs were moved to better locations.

The large two-post three-panel sign for the Rainbow Bridge turn off (6 miles East of Tonalea) is being painted and is almost ready for installation. Two additional signs are complete and ready for installation. The Headquarters signs are to be dyed and repainted this week.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

DEATH VALLEY MONUMENT
TECOPA, ARIZONA

April 22, 1942

MEMORANDUM for the Director, Region Four

There follows a weekly report of activities in this area for the month of April 1942.

VISITORS: 22 visitors reached this area in six cars. Five parties totalling 12 people were guided on Desert Trail to Scotchie Pits. One party of 3 was shown Desert Trail from Trail Point using the telescope. One party to Ashdown and one to Dantzig Dome and a party of one was guided to Inscription Cave.

WEATHER: Maximum temperature 75 degrees on the 17th, minimum temperature 19 degrees on the 1st. Snow fell on the 1st and 22nd. A thunder storm occurred on the 22nd. Total precipitation for the month 0.21 inches. Dry winds on the 10th, 21st and 22nd made the country quite dry and dusty.

ROADS: The approach road is in better than average condition excepting 100 yards in Eagle Valley. This is impassable for inexperienced drivers. The windiness and dust has worked directly across the road. Three laughs of Cole's Ferry are fighting a losing battle. (See to-operating Government Agencies). On April 6, Bob Slack, Ralph Dupont and I removed three laughs of drift fence from the east side of the Shoshone and erected it on the west side of the approach road in Eagle Valley. While working in the valley we were able to encourage the Cole's road crew to pick the sand off the road. Some blow-sand and sand drifts has produced such extreme of road difficulty. A site ahead "Bonnie Road in Death" was erected at the junction.

TRAILS DIRECTIONAL SIGNS: In addition to the three previous sign the new probed signs were placed on the Jackass Road at the Shoshone Ward-off. All signs (11) not including Scotch or Desertvetes were fixed and repaired. Two signs were moved to better locations.

The large two-page directional sign for the Salsbury Springs area (2 miles east of Tecopa) is being painted and is almost ready for installation. Two additional signs are complete and ready for installation. The Desertvetes signs are to be dyed and repainted this week.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

CO-OPERATING AGENCIES: The USIS approved our plan to move the drift fence from Shonto (where it was holding no sand) to Klethla Valley. the services of Keith Shepard (Navajo) were furnished by USIS.

MAINTENANCE: Our leaking 950 gallon gas tank was excavated and the gasoline soaked soil seemed to be concentrated below the bottom man-hole. We stretched the excavation large enough to roll the tank a quarter turn and remove the cover plate from the man-hole. The gasket, asphaltum and asbestos, had permitted a capillary action and loss of gasoline. Where to get a gasoline-tight gasket presented us with a problem. We did not wish to rush to town simply to get gasket material and found the problem an interesting test of our ingenuity. Consulting the Book of Formulas we were intrigued by the Chinese Cement Formula. This starts out, " To 37½ parts of beaten Bullocks blood, etc.," We found it easier in the long run to get litharge and glycerine from the Hospital in Tuba City than to find a 'beaten bullock'. (anyway, Ida had asked me to please stop staring at her).

PERSONNEL: We had a nice visit here from former Custodian Bill Wilson on the seventh. Bill brought Kathryn, Sonia, and Lois Lee of Los Angeles.

MUSEUM & RESEARCH: To some interested visitors who wanted to learn about pottery I applied the Tom Sawyer whitewash technique and had them wash the Palmer collection. Demonstrating the method of restoring sherds to vessels I got three broken pots assembled. Some of these broken vessels are ample proof of the damage an amateur can do. Before the balance of the collection can be reassembled the edges must be cleaned of the assorted experimental cement failures. To date alcohol, gasoline, xylol, water and brushing has failed. We are going to try varnish remover.

MISCELLANEOUS: Word has just reached us that the USIS is bulldozing the sand dunes in Klethla Valley.

Late last month we made a four day reconnaisance trip gathering road information enroute to Mesa Verde National Park and Aztec National Monument. We gathered up a worthy load of material and equipment surplus to the needs of Aztec National Monument. Things seemed to be ticking off in fine shape at both of these areas and we were happy to see old friends.

Tomorrow we are making our first trip to Flagstaff since March 3, 1948.

J.W. Brewer, jr.,
Custodian

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GRAND CANYON NATIONAL MONUMENT
TUSAYAN, ARIZONA

Page 2

COMMUNICATIONS ANXIETY. The NPS approved our plan to move the entire camp from Bonita Lodge to Tusayan (a mere 6 miles) to Grandma Gulch, the service at Bonita Lodge (Drexel) was terminated by NPS.

AUTOMOBILE. Our landing NPS pilot was two weeks overdue and the parking space was reserved to be occupied below the Bonita monument. In attempting the monumental lodge hangar to hold the two a weather duty and remove the super plate from the monument. The problem, negotiation and adequate, but involved a complicated motion and lack of parking. Years to get a parking-stage permit prevented in with a problem. We did not wish to use to have simply to get current material and found the problem so interesting that it was impossible. Considering the fact of formal we were employed by the Grand Canyon Company. This alone was, " In the years of Bonita Bungalow Hotel, etc., " Found it easier in the long run to get library and dispatches from the hospital in Tuba City than to find a "Bonita Bungalow" anyway. We had asked me to please stop starting at her.

PHOTOGRAPHY. We had a plan which kept from Jerome Photoshop all films of the aircraft. All trouble taking, voluntary and lack of the duplicate.

PERSONAL & EMPLOYMENT. In some informal relations you could to learn more privately. I applied the Los Angeles Photoshop and had them modify their other activities. Immediately the method of rotating should to vacate I got three Indian girls assembled. Also of three Indian vessels are single proof of the change of pulsar rel. to. Before the balance of the activities can be prescribed the edge must be aimed of the monthly negotiated boats history. To date aircraft, reading, radio, water and bombing are fully. We are going to try right tomorrow.

ADMINISTRATION. Just the last remarks on that the NPS is initiating the next move in Grandma Gulch.

The last month we made a four day reconnaissance trip around Grandma around to Bear Tree Spring. Without two all [illegible] Grandma. We arrived in a spring lake of material and [illegible] provide to the needs of Grand National Monument. [illegible] to stating all in Tree Spring of lack of there [illegible] to see all trimmed.

Tomorrow [illegible] are making our final trip to Flagstaff [illegible] Grand [illegible].

[illegible]
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
ORGAN PIPE CACTUS NATIONAL MONUMENT
Box 38, Ajo, Arizona

April 25, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of April, 1948.

WEATHER:

During the middle of the month it seemed that hotweather was upon us when the temperature reached 101 on the 16th but after a few days it cooled to our normal spring temperatures. The minimum for the month was 35 on the first of April. Several days of high winds led us to believe we might have some precipitation but no rain fell during the month. While several days were quite windy for this section and dust filled the air, we did not get the strong storms that have been reported around us. Zero visibility due to dust storms has stopped traffic on some highways for hours at a time and caused numerous accidents through Southern Arizona.

GENERAL:

Administratively the month has been routine with office and contact work keeping one man tied down.

The 4000-gallon tank was assembled and elevated to the platform and given a rust proof coat. It is now ready to be hooked in to our water system.

Three members of the Sierra Club of Southern California, accompanied by Ranger Bean, climbed Montezuma Peak on April 5, and then on April 6 climbed Diaz and Santa Rosa Peaks. They had hoped to get first ascents on these three but a tobacco can was found on Montezuma and a survey station on Santa Rosa; however, Diaz apparently was a first ascent. Register sheets were placed in aluminum tubes on the peaks.

Ranger Bean is spending a week at Saguaro National Monument to assist new personnel in office routine.

Mr. and Mrs. John Sperry and Dr. and Mrs. Melander have been spending their vacations on the monument working moths and flies for the Organ Pipe collection.

Organ Pipe Cactus National Monument

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DESOTO NATIONAL MONUMENT
Box 62, Ajo, Arizona

April 27, 1948

Superintendent
Lassen Volcanic National Monument
Mineral, California

Dear Jim:

Here follows a report of activities for Lassen Volcanic National Monument for the month of April, 1948.

WEATHER:

During the middle of the month it looked like Lassen was going to have the temperature reached 100 on the 16th but after a few days it settled to our normal spring temperatures. The climate for the month was ideal on the first of April. Several days it rained and we thought we might have some precipitation but it did not rain. While several days were quite windy for this section and dust filled the air, we did not get the strong winds that have been reported around us. Its stability due to dust storms has argued quite in our favor at a time and caused numerous accidents during heavy winds.

GENERAL:

Gradually the crews are been rounded up and office and cabin work is being one and done.

The 400-gallon tank was assembled and placed in the pickup and given a test trial run. It is now ready to be loaded in to our water system.

Three members of the Sierra Club of Berkeley, accompanied by Ranger Dean, climbed Lassen Peak on April 8, and then on April 9 climbed Cinder and Prospect Peaks. They had hopes to get first records on these two a volcano was not found on Prospect and a normal cinder on Cinder Peak; however, this apparently was a first record. Register cards were placed in aluminum tubes on the peaks.

Ranger Dean is spending a week at Lassen National Monument to assist her personnel in office routine.

Mr. and Mrs. John Henry and Mr. and Mrs. Schaefer have been spending their vacations on the monument working cabin and trail for the Lassen Tree Guilds.

Lassen Tree Lassen National Monument

TRAVEL:

Travel has remained steady with desert flowers bringing a great many people to the area to see the desert in bloom. While annuals have been disappointing, cactus and ocotillo are very good. The campground has continued to be well used during the entire month.

VISITORS:

Visitors to the area include Lon Garrison, John Cook, James Clancy, and John McKee, of Grand Canyon National Park, who camped overnight on their return from a Gulf fishing trip.

Pima County Engineer George Grove paid a visit to the area.

PUBLICITY:

Phelps Dodge Corporation is backing a publicity film of Arizona including its industries and scenic attractions. It is being produced by Atlas Film Company under the direction of Mr. Ward who has his staff on the monument now making his Organ Pipe shots for inclusion in the reel.

COMMUNITY DEVELOPMENT:

While not directly affecting Organ Pipe, new developments are taking place in Ajo which will be a contributing factor for greater use of this area. The Phelps Dodge Corporation has under construction about 200 houses in Ajo and announced this month that five million dollars has been allotted to Ajo for a smelter. A great many improvements are being made by the P.D. Corporation in the New Cornelia mine and it is stated by them that 11 million dollars will be spent in Ajo within the year. This of course will make many modern improvements and considerable increase in population and activities in the vicinity. It will probably bring about the completion of the Tucson-Ajo Highway at an earlier date than would otherwise be expected. There is also a proposal of a Highway from Douglas to Yuma along the International Boundary, passing through Nogales, Sells and Ajo.

William R. Supernaugh,
Custodian.

William A. Ingersoll,
Secretary.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

SAGUARO NATIONAL MONUMENT
Tucson, Arizona

April 26, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for the month of April, 1948.

Weather

The weather has been pleasant for the most part with a high temperature of 98 degrees registered on April 16. It was reassuring, however, to learn that this phenomena was unusual at such an early date. Then on Friday, April 23 a wind storm of considerable velocity blew several tons (estimated) of gravel and sand past the headquarters area, to be deposited in the general direction of the Catalina Mountains.

Special Activities

The custodian made several trips through the Saguaro Forest and elsewhere over the monument to become acquainted with the terrain.

Inspections

Assistant Regional Director John Davis and Land Planner John Kell were at Saguaro over the period April 22 and 23. Mr. Davis went over fiscal and improvement matters and discussed the coming fire season with the custodian. Mr. Kell investigated the status of private lands contained within the boundaries of Saguaro National Monument.

Maintenance

The trail crew has completed repair work on the lower portion of the Madrona - Grass Shack Trail and have located a new base camp below Grass Shack. This should make for more economical operation.

All mules were brought in from the X9 pasture and shod; six are being retained for the pack string based at Madrona Ranger Station and four put in the mountain pasture.

The directional sign (Saguaro) at the Broadway intersection has been repainted and an arrow added. This will assist prospective visitors to the monument considerably.

Saguaro National Monument

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible] NATIONAL MONUMENT
[illegible], Idaho

April 14, 1940.

MEMORANDUM for the National Director, Main Office.

There follows the monthly narrative report of activities at Jackson National Monument for the month of April, 1940.

Weather

The weather has been pleasant for the most part with a fair number of [illegible] precipitation in April 1940. It was frequently [illegible] in [illegible] and at [illegible] data. The [illegible] of a [illegible] of [illegible] [illegible] [illegible] and [illegible] the [illegible] area, is [illegible] in the general direction of the [illegible] [illegible].

Special Activities

The [illegible] made several [illegible] [illegible] the [illegible] and [illegible] over the [illegible] to [illegible] [illegible] with the [illegible].

Inspections

Assistant National Director John [illegible] and Land [illegible] John [illegible] were at Jackson over the period April 10 and 11. Mr. [illegible] met [illegible] and [illegible] and discussed the [illegible] [illegible] with the [illegible]. Mr. [illegible] the [illegible] of private lands contained within the boundaries of Jackson National Monument.

Maintenance

The trail crew has completed repair work on the lower portion of the [illegible] - Bear Lake Trail and have located a new [illegible] below [illegible]. This should make the area accessible [illegible].

All [illegible] were [illegible] in [illegible] the [illegible] powder and [illegible] [illegible] being replaced for the past [illegible] [illegible] between [illegible] [illegible] and [illegible] put in the [illegible].

The directional sign (Jackson) at the [illegible] intersection has been repaired and [illegible] [illegible]. This will [illegible] [illegible] visitors [illegible] [illegible].

[illegible] National Monument

Repairs are being made on the headquarters telephone; the hook-switch was faulty and is being replaced. In addition, representatives of the Mountain States Telephone and Telegraph Company have effected necessary repairs on the various hook-up schemes leading into Madrona Ranger Station. There was a heavy ground on the line at that point, due to improperly installed switches. With this improvement , there should be no further difficulty.

The small air cooled engine used to pump water at Madrona Ranger Station was taken to the Park Service Shop at Casa Grande for repairs. It is operating in a satisfactory manner once more.

The contract for repair operations on the various monument buildings was awarded to the Tucson Roofing and Supply Company. It is anticipated that they will commence operations in the near future as the starting date of the contract is April 26.

Travel and Interpretive Service

A total of 2110 persons visited Saguaro during the month. Forty one states were represented and Canada. This is a decrease of 1219 persons or approximately 37% less than last month. Travel figures disclose an increase of 328 persons or 18% over the corresponding month of 1947.

The contact station has been in operation throughout the month and keen interest is shown by visitors in the arboretum and multiplex photograph display. A total of 1119 persons in 345 parties were given interpretive service at headquarters. This amounted to 100½ hours for an average of 17 minutes per party.

Forest Protection

Park Ranger Wilde and Maintenanceman Ollie Barney are beginning repairs on the Madrona Ranger Station - Mica Mountain phone line as of this date.

A temporary fire plan is being formulated for interim use until Regional Forester Carlson can visit the area to make revisions. The custodian expects to appraise the physical aspects of fire protection on the forested area as quickly as possible.

It is contemplated to man the Mica Mountain Lookout Tower on May 1 as previously planned. The lookout will be on duty 7 days per week throughout May.

Visitors

Noteworthy visitors to Saguaro during April were: Mrs. Inez Townsley, wife of the late F. S. Townsley, Chief Ranger, Yosemite National Park for many years; Ranger Merritt Johnson and wife, Yellowstone National Park; Dr. and Mrs. Alfred O. Gross, visiting Saguaro in connection with bird

studies; Dr. W. Taylor Marshall, Curator, Papago State Park Cactus Gardens, Tempe, Arizona; and Mr. and Mrs. H. T. Roberts, Denver, Colorado, working on bird book in collaboration with Clyde Fisher.

Lands

A "for sale" sign has been erected on the land immediately north of headquarters and facing the road. The information reads: 320 acres for sale, $85.00 per acre, R. E. Dunn, c/o Arizona Trust Company, Tucson, Arizona.

Personnel

Ranger Glen Bean was assigned to duty at Saguaro for a week to assist the custodian with general office procedure. Glen has imparted a wealth of information and brought us up to date on fiscal matters. He will be welcomed at any future date.

Ranger Marvin Frost, Sr. took annual leave April 22 and 25 to accompany his son to Los Angeles during the latter's illness.

The newly appointed custodian has found the assignment to Saguaro a most unique and interesting experience and from all indications it will continue to be a source of mental and physical stimulus.

Both Mrs. King and myself are looking forward to becoming acquainted with the southwest and especially the Service areas.

Wildlife

Marvin Frost, Sr. observed a golden eagle feeding on the remains of a jack rabbit about 2 miles south of Madrona Ranger Station, observation date April 20, 1948.

On April 21, Mr. Frost observed a male and female rattlesnake in the act of mating. This is an accurate indication of the mating season.

The first white wing dove was observed on April 14, 1948.

Gambel Quail are numerous in the Saguaro Forest and the general vicinity around headquarters.

Samuel A. King

Samuel A. King,
Custodian.

Sunset Crater National Monument

Flagstaff, Arizona

April 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Sunset Crater National Monument for the month of April, 1948.

Visitors this month: 1302 Travel Year to date: 5344

Travel: Visitation on the basis of actual registration indicates a decrease of 16% for the same period a year ago, with 521 persons registered compared to 627 for April of last year. Travel year to date shows an increase over last year this time of 40%. A number of visitors have been traveling over the connecting road to Wupatki.

Weather: April is its usual windy month, with few showers. The snow has all melted except for an occasional protected spot.

Roads: The entrance and approach road from Highway 89 is in fair condition. However the continued dry weather with average travel for this time of the year is causing the road to become more rough with many chuck holes. The first week of the month several man days were spent repairing the road through the monument and the connecting road to Wupatki, hauling 54 yards of clay and coarse cinder and filling the worst places. Considerable use is being given the back road, with most of the traffic going from Sunset to Wupatki. The deep cinder is rapidly becoming dry and soft.

General: More information concerning the Rural Electrification Development indicates that the power will be brought even closer to Sunset than was at first anticipated. It is understood that the plan is for the electric power to be brought down to the S. I. Richardson place, which lies in Bonita Park, approximately two miles from the present western boundary. It is also contemplated that a new telephone line will be constructed from Flagstaff out along Highway 89. This will also come down to the Richardson place, thus providing both electricity and telephone within a relatively short distance of the Monument.

On the 26th a house trailer arrived at Sunset Crater. This will provide much more satisfactory and comfortable temporary housing for the personnel. A location was chosen on the west side of the Monument. It will provide greater protection and also will give a shorter approach to Highway 89 over a road relatively free from the deep cinder.

Robert F. Upton
Ranger-in-Charge

Grand Canyon National Monument

Flagstaff, Arizona

April 30, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities of Grand Canyon National Monument for the month of April, 1948.

Visitors this month: 1,[illegible] Travel Year to date: [illegible]

Travel: Visitation on the basis of actual registration indicates a decrease of 12% for the same period a year ago, with 20% overall decrease compared to 1947 for April of last year. Travel year to date shows an increase over last year this time of 4%. A number of visitors have been travelling over the connecting road to Kanab.

Weather: April is the usual windy month, with the showers. The snow has all melted except for an occasional protected spot.

Roads: The entrance and approach road from Highway 89 is in fair condition. However the continued dry weather with average travel for this time of the year is causing the road to become sore rough with many chuck holes. The first week of the month several man days were spent repairing the road through the reservation and the connecting road to Tusayan, hauling in water of clay and coarse gravel and filling the worst places. Considerable use is being given the back road, with most of the traffic going from Desert to Kaibab. The deep cinder is rapidly becoming dry and soft.

Concessions: More information concerning the Rural Electrification Administration indicates that the power will be brought even closer than was at first anticipated. It is understood that the plan is to install a substation power to be brought down to the S. E. Rickenbaugh place, which is within feet, approximately two miles from the present welfare boundary. It is also contemplated that a new telephone line will be constructed from Flagstaff out along Highway 89. This will also come down to the Rickenbaugh place, thus providing both electricity and telephone with a relatively short distance of its frontage.

On the 28th a mobile trailer arrived at Desert Crater. This will provide much more satisfactory and comfortable temporary housing for the personnel. A location was chosen on the west side of the Monument. It will provide greater protection and also will give a shorter approach to Kanab of over a road relatively free from the deep cinder.

Robert L. Bryan
Superintendent

Tonto National Monument
Roosevelt, Ariz.

April 26, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for April, 1948.

Weather. Most of the month has been hot and dry. Temperatures on 3 consecutive days managed to reach the 95 mark, and there were a number of days when the temperature passed 90. Clouds were a rarity, and the hot sun made short work of the annual flowers so that we had a poor display this year. We had our only rain of the month, a very light sprinkle, the afternoon of the 23rd.

Approaches to monument. The Apache Trail is a little rough. The long dry spell has made it difficult for the graders to accomplish much on the hard corrugations.

Interpretive Service. Visitor contact and interpretation took a little less time this month than last as the travel fell off with the coming of the hot weather. Of the 2174 visitors to Tonto this month only 789 made the climb to the Lower Ruin. No trips were made to the Upper Ruin, and that ruin still remains closed to visitors unaccompanied by a Ranger.

Travel. 2174 persons in 595 vehicles visited Tonto this month. This compares with 1912 persons for the montha a year ago. The travel has been very heavy on Sundays and seems to be due to the new Arizonians getting out to see the sights.

Roads and Trails. On April 5, Raymond Frazier and Vestus Roberson entered on duty as the trail crew. They have made a remarkable showing in the short time they have worked. The entrance road has been partially regravelled, the ditches cleaned out, "tire busters" removed, and the most of the mile long road has beed raked to remove the coarser gravel. The ruins trail has been reconditioned from the top to the half way point; water breaks have been rebuilt, ditches cleaned out, narrow places widened, and the protruding rocks covered with a new dirt surface. Mention must also be made of the work, amounting to the better part of a working day, done by the State grader-man, Ab Sanders, in cleaning out the ditches and grading the entrance road.

Special Activities. On Sunday, April 11, the Custodian accompanied the Dons Club of Phoenix on a trip to visit a very interesting group of Salado ruins located in the Mazatzal Mts.

Death National Monument
Roosevelt, Ariz.
April 30, 1940.

MEMORANDUM for the Regional Director, Region Three.

Bulletin is a report of activities at Death National Monument for April, 1940.

Weather. Most of the month has been hot and dry. Temperatures on 3 consecutive days managed to reach the 90 mark, and there were a number of days when the temperature passed 80. Winds were a reality, and the hot sun made short work of the annual flowers so that we had a poor display this year. We had our only rain of the month, a very light sprinkle, the afternoon of the 24th.

Approaches to Monument. The Apache Trail is a little rough. The long dry spell has made it difficult for the grubers to keep pace with the land corporations.

Interpretive Service. Visitor contact and interpretation took a little less this month than last as the travel fell off with the coming of the hot weather. If the CCC visitors in Death Valley Nat'l Mon. made the visit to the Lower Mine. Mr Brice was made to the Upper Mine, and that trip still remains closed to visitors unaccompanied by a Ranger.

Travel. 6174 persons in 2[illegible] vehicles visited this Nat'l Mon. This compares with 1[illegible] persons for the month a year ago. The travel has been very heavy on Sundays and seems to be put in the new Adirondack getting out to see the sights.

Roads and Trails. On April 1, Regional Director and Yosemite Superintendent met at Ely to the trail crew. They were able a remarkable showing in the short time they have worked. The entrance trail has been partially regravelled, the ditches cleaned out, [illegible] removed, and the most of the mile long road has been rolled to remove the coarser gravel. The Pinto Trail has been reconditioned from the top to the halt way point; water breaks have been rebuilt, ditches cleaned out, narrow places widened, and the protruding rocks covered with a new dirt surface. Rangers must also be made of the work, according to the better part of a working day, done by the Death Grade-men. Ah Sen-ere, is clearing out the ditches and pruning the entrance road.

Special Activities. On Sunday, April 21, the Cuyahoga Mountaineering Club of Akron on a trip to visit a very interesting group of Salado ruins located in the Monument.

Special Activities (contd). The Forest Service sponsored the trip and we cooperated by furnishing our truck and all the archaeological interpretation that we were able. This affair has been covered in a special report to the Director.

Complaints. A stuffy, short-tempered visitor, a W. F.Langton, who introduced and described himself as a very important "press photograher" protested in rather uncouth language when the Ranger refused to drop everything on a busy Sunday afternoon and take him on a specially conducted trip to the Upper Ruins.

Wildlife. One large rattlesnake was killed in front of the Custodian's house. Several Gila monsters have been seen around the houses but have been allowed to go about their business unmolested.

The most interesting sight this month related to the wildlife was the very odd antics employed by a raven in coming after a fruit cake set out for him by the Ranger. The raven spent a full 1½ hours working his way up to the cake, testing everything on his way to make sure that there was no trap. He completely cleared the ground ahead of him, pulling out the grass, throwing aside stones, and spading the ground with his beak. When he finally reached the cake, he cautiously jerked it back onto the cleared area. When nothing happened he tried it again. Not until then did he attempt to take it in his claws and fly away. The entire performance was a most remarkable display of caution and intellect.

A pair of Palmer Thrashers have utilized an old Cactus Wren nest in a cholla alongside the ruin trail. The two blue eggs have hatched into a couple of very hungry babies that keep the parents on the jump.

We are having the usual trouble with people killing the little harmless snakes. So far, two have been found dead along the trail. The idea is ridiculous.

General. Two trips were made into town this month for gasoline and butane.

A NO FIRES sign was installed at the bridge with the hope of preventing a fire in the upper part of the canyon. With the dry conditions and high winds a fire would burn up the canyon before we could raise a hand to stop it.

Rancher Lyal has finsihed moving the drift fence on the east side of the monument back to the old location. He did most of the work, but we helped whenever we could find the time.

While travel was down this month from last, nearly as much time was spent in contact as before. As much time is taken in conducting a party of 2 thru the ruins as with a party of 20. The travel comes just steady enough to prevent any serious work on needed maintenance.

Charles C. Sharp
Custodian

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Tumacacori National Monument
Tumacacori, Arizona

April 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of April, 1948:

WEATHER CONDITIONS: Extremely dry, with only .01 precipitation. Temperature ranged from a low of 31 on March 27 to 99 on April 16th. April 13th brought an unusually late freeze, at 32 degrees. Range conditions are rapidly deteriorating. Much high wind, and two bad dust storms hit us during the month.

MAINTENANCE: The trail to the mission church was given a coat of pea gravel and rolled. Ground adjoining the northeast side of the museum was graded and trail improved. Holes in the road to the residences were filled with gravel and dirt. The patio garden fish pond was given its annual cleaning out. The safe was moved from the shop up a flight of stairs, across the museum building, and into the office. An excellent incinerator, of adobe, cement capping, pipe grate with removable center bars, was built in the utility area, and reduces fire hazard and objectionable smells. Spring planting was continued in the Patio garden, with one sizable patch of genuine Papago corn planted and well up. Oleanders, which suffered badly from the winter cold, were pruned drastically, and we are now struggling to decide whether the grubs, which have root-cut and killed several shrubs, are to take over the garden, or whether we will continue. We are hard at it, and expect to win a decision.

INTERPRETIVE SERVICE: 1321 visitors went on 201 guided trips through the mission church and grounds, receiving an average of 37.53 minutes per trip. 2395 persons saw the museum, and the same number received combined Information and Interpretation Service.

INCREASE OR DECREASE IN TRAVEL: 2,480 visitors came to the monument this month, compared with 2,080 for April of last year. This figure has been twice exceeded, first by April of 1938 with 2,571 visitors, and by April of 1939, with 4,850 visitors (this last was the month the museum was dedicated).

VISITORS: March 25 - District Ranger and Mrs. Hank Schmidt, of Sequoia National Park.

March 25 - A group of 37 persons from San Jose, California, sponsored by a Jesuit activity.

April 3 - 37 student fliers from Williams Field, Phoenix.

PUBLICITY: April 13 - William F. Langton and Geraldine Hamilton, taking educational movies for the state of Utah.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yosemite National Monument
Yosemite, California

April 30, 1940.

Superintendent
Yosemite National Park,
Yosemite, California.

Please find monthly narrative report for Yosemite National Monument for the month of April, 1940:

Climatic conditions: Extremely dry, with only .01 precipitation. Temperature ranged from a low of 20 on the morning of April 1st to a high of 88 on April 18th. April 1st-snowed on Tioga Pass, 4 to 12 inches. Snow conditions were roughly Saturday. Good hiking trail, and one hut stocks at Porcupine Flat.

Protection: The trail to the climbing shrub was given a coat of pea gravel and rolled. Crews adjusted the workhours side of the museum and graded and trail improved. Noise in the road to the campground were filled with gravel and dirt. The public parking fish pond was given its annual cleaning out. The park was moved from the area as a result of crews, across the museum building, and into the office. In excellent laboratory, of water, cement supplies, also grass with recreation center here, was built in the utility area. The museum fire hazard and administration moved. Digging planting was continued in the Tioga parking, with one already peak of growing. Trees were planted and well up. Blueberry, which matures only from the winter rain, were pruned heavily, and we are now checking to the winter rain, which been year-out and killed several shrubs, depending weather the crop, or whether we will continue. We are hard at it, and signed by six a decision.

Interpretive activity: 1,001 visitors went on 20 guided trips through the museum during and grounds, averaging an average of 50.20 minutes per trip. 2225 persons saw the museum, and the same number received conducted information and interpretation activities.

Visitors at museum in figures: 4,400 visitors came to the museum this month, compared with 2,200 for April of last year. This figure are from visitor arrivals. First of April of 1939 with 2,271 visitors, and by April of 1940, with 4,400 visitors this last was the month the museum was activated.

Fire: March 22 - District Ranger and Fire, Park Ranger, of Yosemite National Park.

March 5 - A crew of 20 prisoners from San Jose, California, operated by a Jamie matrix.

April 2 - 20 prisoner crew from Williams Field, Yosemite.

Insect: April 15 - Million 3, Lassen and Sierra Ranger, taking measurement service for the origin of bugs.

MAJOR REPAIR AND REHABILITATION: Tucson Roofing and Supply Company finished a contract job here with installation of a 4" high ramp at our museum entrance. This will prevent driving rains from sending pools of water into the museum lobby. (If and when we get rains again).

ROADS: Regional Highway Engineer Sam Hendricks arrived on April 19 to seal coat our badly weathered and pitted parking area and entrance roads. With a crew of four men and rented and borrowed equipment the job was completed on April 25. It looks as though a good workmanlike job has been done.

STABILIZATION OF MISSION CHURCH AND ADJOINING STRUCTURES: On April 13th the stabilization work which was discontinued in November of last year was resumed. The work this month has been on the mortuary chapel, and only one man has been used so far, for a total of 56 man hours this month. We are having to do extremely careful work, removing the inadequate temporary cement-stabilized mud which covered weathered surfaces, and bracing many sections of original plaster which are so ready to fall off that they move under the slightest hand pressure. The weakest sections of old plaster have now been stabilized with this large-scale "dental work" of filling cavities and binding edges. Am putting on another man now, and work on the chapel should go right along.

SOUTHEASTERN MONUMENTS ASSOCIATION: A very ornate and handsome display case for publications was received, stained, and installed in the corner of the lobby. This fits very well with the period furniture already here, and is a credit to the Association.

EXTRA-CURRICULAR: The custodian has almost dislocated on arm patting himself on the back. He gave a couple of evening talks on First Aid to our local and very new Boy Scout troop. The boys then attended a Camporee in Nogales, and stole all the First Aid demonstration honors from the much older and more experienced troops in Nogales!

GENERAL: We have been BUSY. That should be underlined twice. And every time we stick our heads up for air, the mail brings some more government reports to fill out. The monument seems to be ticking along in good order.

Earl Jackson,
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

APRIL 28, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for April, 1948.

Travel Data: More people are travelling on the nation's highways than ever before, and the 1727 visitors at Tuzigoot for April exceeded both previous April highs--1296 in 1947 and 896 in 1946. Extremely high winds toward the latter part of the month, which in some sections of the state neared hurricane proportions, greatly inconvenienced visitors due to dense clouds of dust which blew from the smelter tailings pond directly onto the Monument.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 3541 for the month. 1531 people in 507 parties were given an orientation lecture in the museum, and 1494 people in 490 parties were conducted through the ruins. The average time spent by each party in the museum was 21.9 minutes, while the conducted tour required 21.1 minutes per party. Because of a severe back injury incurred while digging a ditch across the Monument approach road for the water line, Custodian Bright is presently on sick leave. Two days were spent by the Acting Custodian repairing leaks in the old pipeline. Our thanks goes to Mrs. Bright, who, with some assistance by Mrs. Richert, assumed a good share of the burden of keeping the museum open and answering questions 8-10 hours a day.

Personnel Time: Museum: 185 hours 25 minutes. Ruins: 172 hours 45 minutes. Total time for Custodian (and Mrs.) Bright: 175 hours 40 minutes. Total time for Archeologist Richert: 182 hours 30 minutes.

NPS Visitor: On April 4, Miss O'Neil from the Region Three Office visited Tuzigoot accompanied by her sister and brother-in-law from Sedona.

Maintenance and Administration: 16½ feet of sewer pipe were installed by Custodian Bright on his lieu days to replace a corresponding section of the sewer line leading from the museum to the septic tank which had broken and clogged due to root growth.

The Verde Hardware Co. has now supplied the Monument with all but four 21 foot sections of water line out of an original order of 1200 feet contracted for nearly two years ago. Custodian Bright again contributed of his lieu day's time to help with the two-man job of digging a ditch across the county road and coupling the pipe. Since traffic had to be detoured around the the project it was decided to do the job in one day, working from early until late. While engaged in digging through the packed gravel road surface which is as hard as asphalt, Custodian Bright suffered a torn muscle or ligament in

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

[illegible]

[illegible] 19 [illegible]

[illegible] for the National Traveler, Ingrid Bjorn.

[illegible] in the monthly narrative report for Yellowpoint National Monument for April, 1960.

Travel Tales: Some people are travelling on the roadways of Oregon that other seasons, all the 3707 visitors at Yellowpoint for April exceeded both previous April totals—1957 in 1957 and 1959 in 1959. Extremely high winds toward the latter part of the month, which is some sections of the state usual for place propellants, greatly inconvenienced visitors who in fewer efforts at Park which time those the weather bulletins good directly into the Economy.

Visits and Visitors Survey: Bonnie, Pride and Attractive vehicles tagging that for the month. 1957 people in 407 parties were given an orientation lecture in the museum, and 1957 people in 429 parties were conducted through the ruins. The average time spent by each party in the museum was 23.8 minutes, while the ruins tour required 21.2 minutes per party. Because of a severe hail injury incurred while digging a trench across the Economy approach road for the water line, Curbside Relaxed is presently on sick leave. The duty was spent by the Park Ranger Curbside relaxed in the 24 hours. The duty was spent by the Park Ranger, Mr. Curbside relaxed in the 24 hours. Already, attempt a plan above of the Ranger of varying the museum open and admission policies 5-12 hours a day.

Personnel Items: Because the Ranger 20 minutes. Point 127 hours 42 minutes. Total time for instructor leave (Mrs.) Relaxed 127 hours 31 minutes. Total time for unemployed at Yellowpoint 147 hours 23 minutes.

Our Visitors Go Lost: A. Blue O'Neil from the Eugene Times Office visited Yellowpoint transported by her mother and brother-in-law from Salem.

Maintenance and Interpretation: 1957 Park of Water line was initiated by Maintenance Bright on six line days the replace a corresponding section of the water line leading from the museum to the supply tank which had broken and slipped due to frost growth.

The Tacoma Hardware Co. has now supplied the Economy with all tank line 21 feet portions of water line and of an original water of 1200 feet installed for nearly two years ago. Curbside Bright again constructed of 1/2 line day's time to help lift the two-man 2x4 of digging a ditch across the approach road and coupling the pipe. Blue traffic has to be diverted around the [illegible] it was needed to do the job in one day. Weather from early until late. While measured in digging through the roadbed trench road surface which is as hard as asphalt. Curbside Bright noticed a hard object or lizard in

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

APRIL 26, 1948

Monthly report for Tuzigoot, page 2.

his back. He has since been under the treatment of the Phelps Dodge Company physician. A detailed report of injury is being forwarded your office separately.

Besides handling over 1700 visitors and experiencing all the grief with the water line, it was found possible to complete the following jobs:

1) Oil the large entrance door to the museum including lintels and casement.
2) Re-letter and oil the Monument's "No Cat and Dog" sign.
3) Paint and re-letter a Tuzigoot directional marker on US Highway 89A at Clarkdale.

Items of Local Interest: The economy of this community has apparently received a new lease on life. According to a special press release, Mr. Robert G. Page, President of the Phelps Dodge Corporation, on April 22 told the public lands sub-committee investigating U.S. metal supplies that mining operations at Jerome, on the basis of present operating and price conditions, will continue two years instead of one as previously announced. In the same testimony he declared that Jerome's output could be boosted 5,000,000 pounds a year by treatment of some low grade ore at a copper price of around 30¢ a pound. (The smelter at Clarkdale processes all ore mined at Jerome.) Page's announcement extending the life of Jerome another year was the second time the mine's life had been extended by the Company. Originally it was scheduled to close down last year.

Roland Richert

Roland Richert,
Acting Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon National Monument,
Flagstaff, Arizona.

April 27, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for April, 1948:

Weather. We had many days of heavy wind and a few with enough snow to whiten the ground.

Visitors. We had over a hundred visitors per day when we had good weather, less than thirty per day on some of our stormy days. Of the 1,821 total, 1,477 were contacted, and it is estimated that 1,380 made the ruins trip unattended. There were 26 picnic parties with 122 people.

Naturalist Dodge brought John E. Doerr in for a very brief inspection of the museum building. Several of the "boys" stopped for a few moments on their way to or from the fire school at Grand Canyon.

Activities. Ranger Anbuchon worked four days at Walnut, attended the fire school at Grand Canyon, kept time for two days on a USFS fire near Sunset Crater and has been on leave the remainder of the month.

The Custodian returned to duty from annual leave April 1, and has been trying to keep the routine chores current since. The meter at the head of Walnut's water line was cleaned when the water line failed. Several contractors were contacted about bidding on our rehabilitation of Admin. Bldg. job. A lot of visitors were contacted at the "Point" when I would rather have been writing to Region about the PCP.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Walnut Canyon National Monument,
Flagstaff, Arizona.

April 27, 1941.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Walnut Canyon National Monument for April, 1941:

Weather. We had many days of heavy wind and a few with storms strong to mitigate the drought.

Visitors. We had over a hundred visitors per day when we had good weather, less than fifty per day on some of our stormy days. Of the 1,811 total, 1,177 were conducted, and it is estimated that 1,500 made the ruins trip unaccompanied. There were 34 picnic parties with 180 people.

Mountain lodge brought John S. Doerr in for a very brief inspection of the museum building. Several of the "boys" stopped for a few minutes on their way to or from the fire school at Grand Canyon.

Activities. Tourist museum attendant Don Lane at Sunset, attended the fire school at Grand Canyon, but like for two days on a TWA flight near Kansas City and has been on leave the remainder of the month.

The Smoketion returned to duty from annual leave April 1, and has been trying to keep the trails above normal clean. The motor at the head of Walnut's water line was burned when the water line failed. Several contractors were complained about blasting in our vicinity of Admin. Bldg. Ign. A few of visitors were evacuated at the "Winter" when I would rather have been working to begin about the 20th.

Paul L. Hampton
Operating

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
WHITE SANDS NATIONAL MONUMENT
ALAMOGORDO, NEW MEXICO

April 23 48

MEMORANDUM for the Regional Director, Region Three.

APRIL TRAVEL 1948
Visitors 13,645 Cars 3003

1948 TRAVEL YEAR TO DATE
Visitors 45,710 Cars 11,956

Winds, dust, rain, cold, heat, and lots of people enter into a record breaking April at White Sands. The Easter Service and Play Day both contribute to our total although neither event this year was a record. Our weather went as low as 17 and as high as 94 for the month with little rain mostly only traces. The new picnic area was officially opened this month upon the abandonment of the one used for the past several years. We opened it on an Easter Sunday and it turned out to be a beautiful day with over two thousand people and our new seventeen table area proved the first day to be to small for the use that we may expect of it. Last Sunday we ran throughout the entire day over a thousand and again the area was too small.

As stated in my last months report, I made arrangements to borrow a bulldozer from the Army at the White Sands Proving Grounds and had hopes of getting it prior to Play Day to widen the road all possible for the occassion and we do not have it yet. Likely the winds that have caused us so much trouble are doing likewise to ur neighbors. Ranger Steel is away on an assignment in moving some trailer houses to a few of the region areas. This leaves us very short handed and we just let a few things go that he would have done had he been here. Just the loss of one of my men for a few days really shows up in the odd jobs that I never realize they accomplish from day to day. This applies to all of the boys not just any one. I am the only one that can be gone for any length of time and the area not suffer from the absence.

The Easter Service was attended by a little less than four hundred and it was cold , but the balance of the day made up for it and by night we had run over twenty two hundred. Play Day of course was the big event of the month with almost five thousand people. This is not a record but again the winds spoiled the afternoon and many people doubtless would have attended that failed to show up. We were favored this year by a Play Day visit from Mr and Mrs Tillotson, Mr and Mrs Patrew and their family, and Mr and Mrs Charles Watson of Santa Fe. Custodian and Mrs Bowen of Gran Quivera were on hand also and did yeomans service in assisting with the crowds. This is the first time that I can remember Play Day being favored by a visit from one of our Members of the Congress.

Blade, horn, rock, scale, bark, and line of jungle color into a recent drawing April 21 while inside. The Barker Service and Stay-by both contributed to our total although neither could have been a record. One weather week as late as 37 and as high as 84 for the month with little rain mostly only brown. The bar plants grew well-visibly spread into a month upon the abandonment of the car and the past several years. We spread it on an Barker Ranger and it turned out to be a beautiful day with over ten thousand people and our two servicemen table area packed the first day as the well for the new than we had expect at it. Last Friday in the afternoon the entire day over a thousand and again the area was too small.

As stated in my last monthly report, I made arrangements to secure a helicopter from the Army at the Dalhart Bombing Range and had hopes of getting it prior to July 1st to allow the usual well-wishing for the ceremonies and we do not have it yet. Lately the idea that Dalhart is a much crowded area during Thursday to or relaxing. Another event is many to be accomplished in working some trailer houses to a few of the region areas. This leaves in very short handed and we just has a few things up that he would have done but in hour have. Now the time of one of my men for a few days mostly alone up in the all into that I never realize they accomplish from day to day. This applies to all of the boys not just my men. I am the only man that can be spared for any length of time and the even his duties.

The Barker Service was attended by a little bit more than four hundred and it was said , but the balance of the day was up for it was hard to be so hot and was rather cloudy too hundred. They day of service was the big crowd of the month with almost the hundred people. This is not a record but again the which spoiled the afternoon and many people disappointed that had hoped to come up. We were followed with good by a fine day which. Even so and are children, in and the Indian art dance demonstration, and by and are Apache Indian of Dalhart. Everything was here people of that gathered were on hand also and did somewhat surprised in assisting with the service. This is the first time that I was present play day being observed by a visit from one of our members of the Congress.

Mrs Georgia Lusk attended and gave a brief talk on the day and its potential possibilities. She has for some time been very interested in the event and this year requested that we supply her with information covering the Day. Mr. Tillotson authorized me to supply her office with this information and I wrote a brief letter covering the material she requested. I hope that the Regional Office group will not judge your appreciation of their visit but the attention we gave them. I did not even get to tell Mr and Mrs Patraw goodbye and it seems that I did not get to spend near the time with any of them that I had hoped to. They will have to come back some day other than Play Day and allow us to put out a little of the hospitality that we try to show all of our visitors.

The area has been flooded with photographers. Mr Krouse working on a travel picture was down early for Play Day and several of his pictures appeared in the local papers (El Paso and Alamogordo). Philippe Halsman and his wife from Life magazine were in for two pictures of White Sands to appear in an article to be released later. He took twenty I bet and then complained because the sun insisted on setting leaving him with little light. He expressed a hope that he might be assigned to feature the White Sands similar to the one recently given the Grand Canyon National Park. Numerous other photographers were in including one from the newly organized Las Cruces Tourist Bureau. Dozens of requests are received for information on the sands and I am trying to answer all that I can under postage.

High winds have kept Joe virtually buried in his road. By constant effort we are able to keep a one way road through the dunes, but if for any reason we would be forced to miss a day or two the road would be blocked. I have been wondering all month just how much longer my men and equipment can take the strain. As I mentioned last Sunday we ran over a thousand visitors and the day was quite windy. With crowds of that size we can not give even fair service with our personnel no larger than it is.

The concession shared the same experience that we have in not being able to properly serve all the people as we would like but no complaints were received of any nature. For this we are thankful.

But instead of crying over a situation we know you are well aware and are doing all possible to releive it, I shall conserve my effort and do what I can for the seven or eight thousand that we are expecting next month.

No accidents of any kind were reported for the month of April.

Johnnie Faris
Custodian.

[illegible]

Wupatki National Monument

Flagstaff, Arizona

April 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of April, 1948.

Visitors this month: 376 Travel Year to date: 1745

Weather: April brought few showers but lots of wind. Total precipatation of .13 inches was recorded. Winds with accompanying dust storms have been the rule. What moisture there was is rapidly disappearing.

Roads: The entrance road, in fair condition until now, is rapidly drying out and blowing away, leaving the usual heavy cordurory. The deep cinder has become very dry, but in spite of this numerous cars are entering via the Sunset road. During the early part of the month, several days were spent hauling cinder and clay into some of the worst places on the connecting road between Wupatki and Sunset.

Travel: Visitation for April was slightly below that recorded for the same month a year ago. The travel year continues to show an increase over last season of 22%.

Grazing: Practically all of the CO Bar cattle were taken out early in the month. Kirby has discontinued hauling water from Heiser and will be moving his stock out of the Coconino Forest, adjoining our south and west boundaries, in a few days. Joe Kellam has moved his cattle to the summer range, so that we are no longer bothered with trespass stock.

Spring Flow: Wupatki Spring shows a decrease with 1028 gallons per day, compared to 1122 gallons recorded for March. Heiser Spring, on the other hand, had a slight increase of 94 gallons per day over that of last month, which recorded 1216 gallons per day.

Spring Development: The spring at Heiser was given some badly needed attention the early portion of the month. Free man power was recruited from Emmett Kellam, Kirby and his hired man and numerous neighboring Navajos, all users of the spring. Emmett also contributed a supply of groceries for the noon lunches of the Navajos that worked. The spring was cleaned out, rocked up on the sides and a concrete cover poured. The pipe leading from the spring to the concrete catchment tank was removed and a new pipe installed. The old pipe had almost completely corroded full of scale, so that only a small stream of water could pass through. The remainder was flowing over the old dirt wall and escaping. A new wire fence was erected around the spring, so that straying

Wapiti National Monument

Flagstaff, Arizona

April 30, 1942

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wapiti National Monument for the month of April, 1942.

Visitors this month: 276 Travel for to date: 1942

Weather: April brought the showers but late of 1st. Total precipitation of .12 inches was recorded. With its accompanying dust storms have been the rule. That moisture there has is rapidly disappearing.

Roads: The entrance road, in fair condition with now, is rapidly drying out and blading easy, leaving the road many corrugated. The deer cinder has become very dry, but in spite of this numerous cars are starting via the Sunset road. During the early part of the month, several days were spent hauling cinder and clay into some of the worst places on the connecting road between Wapiti and Sunset.

Travel: Visitation for April was slightly below that recorded for the same month a year ago. The travel year continues to show an increase over last season of 1941.

Grazing: Practically all of the 30 head cattle were taken out early in the month. Kirk has discontinued hauling water from Palmer and will be moving his stock out of the Cedarbluff Ranch, adjoining my ranch and near Sunset, in a few days. Joe Sullens has turned his cattle in the Palmer range, so that we are no longer bothered with transient stock.

Spring Flow: Wapiti Spring gives a decrease with 3000 gallons per day, compared to 1127 gallons recorded for March. Palmer Spring, on the other hand, had a slight increase of 64 gallons per day over that of last month, which recorded 1486 gallons per day.

Spring Development: The spring at Palmer was given some daily care during the early portion of the month. Free man power was received from Sunset Lodge, Kirk and his hired man and concrete reinforcing Davies, all were of the spring. Sunset also contributed a supply of gravel for the main lateral of the Davies that works. The spring was cleaned out, roofed up on the sides and a concrete cover poured. The pipe leading from the spring to the concrete catchment tank was removed and a new pipe installed. The old pipe had almost completely corroded full of scale, so that only a small stream of water could pass through. The remainder was flushed over the sit with air and escaping. A new wire fence was erected around the spring, so that stopping

stock could not contaminate the water.

Special Activities: The Custodian and Joe Bean attended the Coconino Fire School, which was held during the first week of the month. There was a departure from the usual routine, with more general discussion and less detailed study of fire plans. Greater concentration was given to the organization for large fires and demonstrations of various types of equipment.

Dr. Colton and Miss Katherine Bartlett, of the Museum of Northern Arizona, visited Wupatki on the 22nd and investigated sites in Black Hawk Valley and Crack-in-the-rock areas, to select locations for excavation this summer. Early Pueblo III sites were considered and particularly those Anasazi sites having kivas. They would also like to investigate possible kivas near Crack-in-the-rock. Application for permit will be made shortly.

Ranger Upton made a trip to Tuba City on the 17th, taking Rex Lee, one of the local Navajo children to the hospital.

Cooperative Services: An old burn on O'Leary broke out again on the 22nd. High winds from the south and west for several days, caused particular concern and constituted a definite threat to Wupatki. Had the wind changed it would also have threatened Sunset Crater, which was only a mile or so away. Custodian Jones and Joe Bean with several Navajos joined suppression crews during the high fire danger period.

NPS Visitors: Edward S. Zimmer, Chief, Major Roads Division, Director's Office and Charles D. Carter, Landscape Architect of the Regional Office, stopped for a short time at Wupatki on the 28th, while making an inspection of roads. Custodian F. W. Binnewies and Ranger Aubuchon visited Wupatki on their return from the Fire School at Grand Canyon. Paul Steele, Ranger at White Sands, brought in two house trailers from Bandelier. We were both glad to see Paul and also the house trailers.

Other Visitors: Dr. P. F. Van Weeralt, Mrs. E. Seythouwer, Miss F. Tollenaar, Mr. H. W. E. Croockewit and Dr. G. F. Van Oordt of the Netherlands were here on the 18th. The party, bearing a letter of introduction from the Director, were making a study of the American National Parks.

Publicity: A well written article entitled "Boom Town", featuring Wupatki, written by a former Ranger Harrington, appeared in the May issue of the 'Ford Times'.

General: The outer walls of the Custodian's residence were repaired, plastering those spots where the stucco had fallen off. A new roof of slate paper was placed on the warehouse at Heiser. Two trailers arrived the latter part of the month, one to be used at Wupatki and the other at Sunset Crater. Upton made a trip to Zion Park on the 12th and brought back surplus equipment. A five year lease of the Heiser property was received the early part of the month.

Robert F. Upton
Acting Custodian

stock could not maintain the water.

Special Activities: The Custodian and Jim have attended the Forestry Fire School, which was held during the first week of the month. There was a departure from the usual routine, with more general discussion and less detailed study of fire plans. Certain administrative ideas were given to the organization for large fires and demonstrations of various types of equipment.

Mr. Cotton and Miss Katherine Hurlbut, at the Museum of Northern Arizona, visited Tonto on the 22nd and inventoried sites in Slate Creek Valley and Grass-in-the-Door area, to select Insulator for excavation this summer. Early Pueblo III sites were considered and satisfactorily these Insulator sites having views. They would also like to investigate possible sites near Crest-in-the-Door. Applications for permits will be made shortly.

Ranger Upton made a trip to Camp City on the 17th, taking Jim along, one of the local boys to children to the hospital.

Cooperative Serving: An old type of Cleary movie out again on the 22nd. High winds from the south and west for several days, caused particular concern and constituted a definite threat to Tonto. Had the wind changed it would also have threatened Camp Verde, which was only a mile or so away. Customer force and Joe Bear with several Service joined supervision crews during the high fire danger period.

New Visitors: Edward S. Gamer, Chief, Major Events Division, Director's Office and Charles S. Darby, Landscape Architect of the Regional Office, stopped for a short time at Tonto on the 20th, while making an inspection of roads. Custodian R. V. Hitchcock and Ranger Upton visited Tonto's ranch upon the fire School at Camp Verde. Mrs. Davis, Ranger at Mile Hook, brought in the house furniture from Fossilize. We are back plus in new fuel and also the house furniture.

Other Visitors: Dr. T. F. Van Tassel, Mrs. E. Northrop, Miss F. Tolleson, Mr. C. E. Chamberlin and Mr. C. F. Van Loan of the Smithsonian were here on the 18th. The party, bearing a letter of introduction from the Director, were making a study of the American Indian Tribe.

Publicity: A well written article entitled "Home Town", featuring Tonto, written by a former Ranger Burlingham, appeared in the Sup issue of the "Post Times".

General: The water main of the Custodian's residence were repaired, observing those days where the crews had fallen off. A new roof of slide rocks was placed on the residence in Saturn. The trailers erected the latter part of the month, one to be used at Tonto and the other at Camp Verde. Upton made a trip to Lion Park [illegible] and Ranger Hook saw service equipment. A fire year issue of the [illegible] was received the early part of the month.

Robert E. Upton
Acting Superintendent

Upton:

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

April
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	2	6	2 hrs
Walks or Hikes	2	6	2½ hrs
Ruins or Hist. House			
Other			
Total	4	12	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	28	113	1/2 hr.
Windows	3	172	1/2 hr.
(Give Name or Type) Total	31	285	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Windows	31	605	1 hr.
(Give Name or Type) Total	31	605	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

902
Total Receiving Interp. Serv.

777
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PUR[illegible] OF THIS FORM IS TO SECURE AN ACCURATE RECORD O[illegible] TERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Aztec Ruins National Monument~~
Name of Area

April
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	103	418	½ hr.
Other Museum	156	584	½ hr.
Total	259	1002	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	3	112	½ hr each
Displays and Exhibits			
Replies to Inquiries			
Other			

1002
Total Receiving Interp. Serv.

584
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	67
Popular Studies	
Source Books	

NAME Irving D. Townsend
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FOR DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

April
Month

1948
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	2	10	2 hr
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	20	54	15 Min.
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

64
Total Receiving Interp. Serv.

82
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Meredith M. Guillet

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Capulin Mt Nat'l Monument,~~
Name of Area

April
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One,	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
None,			
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
None,			
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
None,			
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Wayside markers pointing out five			
of the principal pints of interst			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

400
Total Receiving Interp. Serv.

1200
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Homer J. Farr.

TITLE Custodian,

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

April
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary	1		1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	210	2294	47.5 Min.
Other	193	2082	24.7
Total	403	4376	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum etc.		944	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

4376
Total Receiving Interp. Serv.
3236
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	Out of print
Popular Studies	
Source Books	

NAME A.T. Bicknell

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Park Ranger L. Arnberger reported for duty on April 12, filling the vacant GS-7 position.~~

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Chaco Canyon National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~(1) Custodian~~	
Temporary			

April
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	~~23~~	~~67~~	~~30 mins.~~
Total	~~23~~	~~67~~	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	~~14~~	~~39~~	
Other (Not connected with conducted trip)			
Total	~~14~~	~~39~~	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	~~0~~	~~0~~	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	~~0~~	~~0~~	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

~~106~~
Total Receiving Interp. Serv.

~~67~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME ~~Irving McNeil, Jr.~~

TITLE ~~Custodian~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Approach roads in bad shape part of month.~~

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

April
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	3	9	2 hr.
alks or Hikes	3	17	2
ains or Hist. House			
ther			
Total	6	26	

TALKS	NO.		
ampfire			
otel or Lodge	1	15	1 hr.
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	1	15	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	27	1424	½ hour
(Give Name or Type) Total	27	1424	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station	31	811	½ hour
(Estimated)			
(Give Name or Type) Total	31	811	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

2276
Total Receiving Interp. Serv.
1622
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
pular Studies	
urce Books	

NAME Clair V. Cooke
TITLE Clair V. Cooke, Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

APRIL
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		ONE	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	36	128	42 min
Other			
Total	36	128	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

128*
Total Receiving Interp. Serv.
174
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME WLB William L. Bowen
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Custodian absent 7 days during month. *An additional 28 people, local residents, were to use telephone or on other business were also contacted.

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120905

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Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MON.
Name of Area

APRIL
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station (Sundays)	5	284	15 mins
(Give Name or Type) Total	5	284	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1	(6 leaflets)	
Other			

284
Total Receiving Interp. Serv.

521
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ted C. Bowers

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 5TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

April
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	160	677	1 hour
ther			
Total	160	677	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended	31	824	15 min.
Orientation (connected with conducted tour but information received by those not making tour)	31	522	10 min.
(Give Name or Type) Total	62	1346	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
ycamore Trail (self guiding nature trail)	31	No record	
ontezuma Well Trail*			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries	3		
ther			

2023
Total Receiving Interp. Serv.

2482
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
5 page booklets
opular Studies
ource Books

NAME

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~he Montezuma Well Trail was not in use this month, because guide leaflets ordered~~ March 4, 1948 have not been received.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 8TH DAY OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

April
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	None		
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

0
Total Receiving Interp. Serv.

0
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME Russell L. Mahan

TITLE Acting Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach road closed due to snow.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PUR[illegible] OF THIS FORM IS TO SECURE AN ACCURATE RECORD O[illegible] TERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other fea tures of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers unde Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, stud collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing IN FORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and reg ulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using ex hibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historica areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personne outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretiv stations and devices open to the public. The number of days the stations and devices were available may be indicate under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total eac column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using eac interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be in cluded in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-han corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive service offered. Since each visitor may use several different interpretive devices, this attendance may record a total con considerably in excess of the visitors registered in the area during the same period. For comparison, the total number o visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Re gional Director who will forward one to the Director. One copy should be retained by the superintendent or custodia of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Dat due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Navajo National Monument
Name of Area

April
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			1 (intermittent laborer)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans ~~SANDAL TRAIL~~	~~5~~	~~18~~	~~2 hours~~
alks or Hikes ~~Betatakin~~	~~1~~	~~5~~	~~2 hours~~
uins or Hist. House ~~INSCRIPTION HOUSE~~	~~1~~	~~1~~	~~5 hours~~
ther ~~SCAFFOLD HOUSE VIEW~~	~~1~~	~~5~~	~~30 min.~~
Total	~~8~~	~~29~~	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)	~~5~~	~~22~~	~~1½ hours~~
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries	3		
ther			

51
Total Receiving Interp. Serv.

22
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME

TITLE J.W. Brewer, jr., Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

APRIL
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other Accompany patrol	5	12	5
Total	5	12	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	2	14	1
Total	2	14	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	18	625	4
(Give Name or Type) Total	18	625	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

651
Total Receiving Interp. Serv.

10615
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Office not attended 10 days due to pressing maintenance work.

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

April
Month

1948
Year

MBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
rmanent		2	
mporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
to Caravans			
lks or Hikes			
ins or Hist. House			
her			
Total			

TALKS	NO.		
mpfire			
tel or Lodge			
seum (Not connected with conducted trip)			
ientation (Not connected with conducted trip)			
her (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters.	31	1119 people in 345 Parties	6020 Min. 17 Min.
(Give Name or Type) Total	31	1119	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

1119
Total Receiving Interp. Serv.

2110
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
pular Studies	
urce Books	

NAME Samuel A. King

TITLE Custodian

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

April
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			1
emporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trailside Signs	30	521	5 Min.
(Give Name or Type) Total	30	521	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

521
Total Receiving Interp. Serv.

1302
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
page booklets
pular Studies
urce Books

NAME Robert F. Upton

TITLE Ranger-in-Charge

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

No personnel in residence during the month.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may have a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

April
1948 Month
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	1	1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins ~~of Hist. House~~	295	789	45 min av.
ther			
Total	295		

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hq. Office and Museum	31	1826	15 min av.
(Give Name or Type) Total	31		

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

2615
Total Receiving Interp. Serv.
2174
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
opular Studies	
ource Books	

NAME Charles C. Sharp
TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

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MONTHLY)ATISTICAL REPORT OF INTERPRETI)SERVICES
IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

April
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	201	1321	37.53 mins.
ther			
Total	201	1321	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Combined Information and Interpretation Service at registry desk or in museum. All visitors save runarounds get this service.	31	2395	5 mins. ave.
(Give Name or Type) Total	31	2395	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum, self-guiding	31	2395	10 mins.*
(Give Name or Type) Total	31	2395	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries	5		
cher			

6,111
Total Receiving Interp. Serv.

2,480**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

5 page booklets	none
opular Studies	"
ource Books	"

NAME Earl Jackson

TITLE Earl Jackson, Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*Estimate.
** Visitor total includes 85 runarounds.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

ection 304
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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	ONE	ONE	
emporary			

APRIL
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	480	1494	21.1 min.
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	507	1531	21.9 min.
rientation (Not connected with conducted trip)	250	516	4 min.
ther (Not connected with conducted trip)			
Total	1247		

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

3541
Total Receiving Interp. Serv.

1727
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Roland Richert

TITLE Roland Richert,
Acting Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Custodian Bright on sick leave; during two day's emergency work on water line to arkdale the Museum was kept open to visitors by Mrs. Bright and Mrs. Richert.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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120905

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411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

April
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	3	9	1 1/2 hr
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Admin. Bldg.	25	1,477	1/3 hr
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1,486
Total Receiving Interp. Serv.
1,821
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Paul L. Beaubien
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FOR DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

WHITE SANDS NATIONAL MONUMENT
Name of Area
ALAMOGORDO, NEW MEXICO

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

APRIL
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		N	
Walks or Hikes		O	
Ruins or Hist. House		N	
Other		E	
Total			

TALKS	NO.		
Campfire		N	
Hotel or Lodge		O	
Museum (Not connected with conducted trip)		N	
Orientation (Not connected with conducted trip)		E	
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum	30	4500	1/6
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		N	
		O	
		N	
		E	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	11		
Other			

4500
Total Receiving Interp. Serv.

15,645
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Johnwill Faris
Johnwill Faris
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED:

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITO USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FOR DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Hupatki National Monument
Name of Area

April
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	26	58	45 Min
Other			
Total	26	58	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Walakihu Exhibit	30	108	5 Min.
(Give Name or Type) Total	30	108	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

166
Total Receiving Interp. Serv.

376
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Robert F. Upton

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible] OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible] INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

June 4, 1948

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
White Sands	J W Faris	6-5-48	6-6-48
Chiricahua	[illegible]	[illegible]	[illegible]
Saguaro	Sam King	6-10-48	6-11-48
Tonto	Charles Thomas	6-12-48	6-14-48
Tumacacori	E Jackson	6-15-48	6-18-48
Organ Pipe	[illegible]	6/23/48	6/26/48
Casa Grande	A S Rickey	6/30/48	6-30-48
Walnut	Beaubien	?	7-5-48
Tupatki	D Jones	7/10	8/15/48
Navajo	Brewer	8/19/48	8/22/48
Region Three Office--Mr. King			

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Region Three
Santa Fe, New Mexico

June 3, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for the Naturalists of the Southwestern National Monuments for the month of May 1948:

Staff Activities - General

Naturalist Dale S. King was in the office for the entire month.

Archeologist Charlie R. Steen was in the office except for 5 days spent at Gran Quivira.

Interpretive Administration

Field men were circularized to determine how many needed English two-fold leaflets which are available in the Director's Office.

Public Relations and Extension Services

A letter of introduction to Southwestern National Monuments field men was furnished to Miss Bertha Dutton, Curator of Ethnology at the Museum of New Mexico. Miss Dutton traveled through several of the areas to make preliminary arrangements for a field trip which will be organized to reward outstanding Girl Scouts of the Region for their accomplishments during the year. This plan was inaugurated last year and was very successful.

King spent considerable time as publicity chairman for the annual Boy Scout Plaza Jamboree which was held in Santa Fe May 15. Results were only mediocre, for the event conflicted with the world premier of a motion picture which managed to monopolize most newspaper space.

Progress of Exhibit Plans and Projects

Steen spent 5 days at Gran Quivira working with Custodian Bowen on repair and rehabilitation of an old building which will serve as a stopgap office and exhibit room.

Label copy for the Native Government case at Bandelier was received from the monument, edited, and forwarded to Washington for printing.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sequoia Zone
Route 78, Box 74224

June 2, 1960.

Memorandum for the National Director, Region Three.

Following is the narrative report for the Superintendent of the Sequoia-Kings Canyon National Monument for the month of May 1960:

Staff activities - General

Superintendent Lewis A. King was in the office for one entire month.

Superintendent Charles A. Hines was in the office during for 2 days upon its from Sequoia.

Interpretive Administration

Plans were were structured to determine how many guided Nature Trail tour-field lectures which are available by the Superintendent's office.

Public Relations and Research Services

A letter of information to Visitnaturers Nature Conservation Field was forwarded to Miss Marion Dalton, Director of Tourism at the Bureau of Mon Tourism. Miss Dalton expressed interest and the area to make preliminary arrangements for a field trip which will be arranged to permit contacting the Bureau of the Sequoia for their conservationists during the year. This plan was inaugurated last year and was very successful.

The annual conservation talks on publicity relations for the Sequoia Day Tours Plans Committee which was held in Lemon in May 16. Results were only tentative, for the event conflicted with the annual premier of a motion picture which managed to monopolize most newspaper space.

Progress of Capitol Plans and Problems

Plans were 3 days at Cree Tuolumne working with Lorraine Bowen on repair and rehabilitation of an old building which will serve as a ranger-duty office and exhibit room.

Land map for the Sierra Nevadas area at Tuolumne was received from the Monument, edited, and forwarded to Washington for printing.

Museum Preparator Pablita Hardin finished the paintings for the Seasonal Ceremonies case at Bandelier, and these were photographed in kodachrome.

On Monday, May 31, King replaced bulbs in 4 museum cases at Bandelier.

Research and Observations

Some correspondence was had with Student Jack Turney of Adams State College of Alamosa, Colorado. Mr. Turney has completed his master's thesis which is a study of excavated material from Bandelier National Monument, and arrangements were made to duplicate the thesis for the monument and regional libraries.

King accomplished only one half day of additional research of the Nalakihu excavation report, although Steen was able to check and correct the final draft for the survey report which will appear as an appendix.

Region Three Office Loan Library

Accessions for the month totalled 48, consisting of 2 books, 28 pamphlets, and 18 periodicals.

Southwestern Monuments Association

The first major mailing of the Association was mostly accomplished during the month, a project which practically monopolized the time of Naturalist King and the Association employees.

Treasurer Vedder worked 19 days, mostly on the problems involved in the mailing, such as supervision of stuffing envelopes, wrapping packages, and making arrangements with the Post Office. A total of 5,117 envelopes were taken to the Post Office on May 14, and a second batch of 4,588 on May 20. The first three replies arrived May 20, and since then much time has been spent in filling orders.

He made on disbursement and two deposits, and mailed 187 covers, not counting the large mailing broadside, but including 28 letters and 98 purchase orders.

Barbara Vedder worked 112 hours and was in the office 17 days. She spent 3 days at the addressing machine, and 2 days were spent in stuffing envelopes. The rest of the time she spent filing and putting the files and stencils in order. The last few days of the month were spent in taking care of incoming orders and wrapping packages, as well as processing business reply cards.

A numbering machine and a stencil file cabinet with 35 stencil file drawers was received during the month, and the latter was rehabilitated and placed in operation. One of the major processes was complete refiling of stencils by geographic location.

[illegible]

[illegible]

[illegible]

Arrangements were made with other Associations at Zion, Rocky Mountain, and Grand Canyon, to stock their publications which are listed on our list, and are being ordered rather extensively.

Photography and Visual Aides

A total of 51 excellent kodachrome slides were received from Saguaro. These were taken by Seasonal Ranger Marvin Frost, and constitute a valuable addition to our files.

Ruins Stabilization

Steen accomplished routine duties of filing reports and photographs.

Projects for June

King will be in the office most of the month spending some time in supervision of the mailing of an additional 3,000 envelopes for the Southwestern Monuments Association; working with Architect Lovelady on a proposed preliminary plan for a model at Montezuma Castle; completing the museum plan for Walnut Canyon; writing the annual report for the department; etc. If arrangements can be made for lights for Walnut Canyon Museum, King plans to go to that monument late in the month or early in July to make temporary installations in the Museum there.

Steen will be in the office on ruins stabilization recordation and various miscellaneous jobs, going to Navajo for several days late in the month to inspect cliff dwellings there and salvage archeological material now being destroyed by stream erosion.

(SGD) [illegible]

Dale S. King,
Naturalist.

(SGD) JOHN M. DAVIS

Approved for Distribution _____, June 3, 1948.
Assistant Regional Director.

cc: Mr. Dodge.
Monument Circulation (2).

Arrangements were made with other manufacturers of film, Dandy Chemicals, and Jackal Company, to study their production methods which are linked on our lists, and are being arranged joint meetings.

Photographs and Films and Slides

A total of 21 available photographs slides were received from negatives. These were taken by Technical Sergeant Martin Smith and contributed a valuable addition to our files.

Future Capabilities

Some encouraging results during of filling requests and information.

Problems for Year

Also will be in the action work of the social knowledge and also in cooperation of the making of an additional 2,000 newspapers for the Jackal National Association associations working with Airmen Leaning in a year planned publicity plan for a model of Airmen Smith, including the common city for Salem County, making the annual report of the department etc. If arrangements can be made for filing for Salem Bureau Service, this plan be up to the department late in the month to notify in the necessary information in the Jackal Bureau.

There will be to the action in prior publication programme and various organizations jobs, going to Trenton for several days in the month. Jackal City Qualities there are matters approximately material was being destroyed by storms arrangement.

[Sgt. Smith]

Sgt. Smith,
Technician.

[Capt. Jones]

Approved for Jackal Jackal, June 1, 1948.
Jackal Regional Supervisor.

Sgt. Smith.
Department Investigation (2).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Arches
NATIONAL MONUMENT
Moab, Utah

May 28, 48
19

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of May, 1948:

GENERAL: The Moab Lions Club held a barbecue at the parking area in the Devils Garden section on May 8th to celebrate the completion of the new roads to Delicate Arch and the Devils Garden. It is estimated that approximately 250 people were in attendance including, representatives from the Utah State Department of Publicity and Industrial Development, Gra nd County Commissioners and the National Park Service was represented by Mr. Davis and Mr. Kell from Regional Office. Delegations from Monticello, Green river and Price, Utah and Grand Junction, Colorado were also in attendance. All present were very much impressed with the new road and the areas made accessible by its construction and also the excellent barbecue which was served.

WEATHER: Rain fell on April 26th and 27th and again on May 27th. High winds have blown intermittently all month. The Colorado River run-off has started and the present water level is the highest it has been in the last four years.

TRAVEL: The travel for the month was again way above normal with 322 cars and 1016 people visiting the area, as compared with 117 cars and 397 people for May 1947. We had representation from 29 states, England, Japan and Sweden.

INTERPRETIVE SERVICES: Our contacts showed a decided increase over the previous month. Two caravan trips were taken with a total of 30 people. 5 guided trips to the various features with 58 people. A total of 183 people were contacted at headquarters and 219 people were contacted in the Windows and Devils Garden sections. There were 797 people that visited the various sections unattended.

NEWSWORTHY VISITORS: Mr. Jack White, staff photographer for the Salt Lake Tribune, visited the area from May 15th to 19th. He covered all areas shooting pictures for the next scenic edition of the Tribune.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches

NATIONAL MONUMENT

Moab, Utah

May 24, 19

Memorandum for the Regional Director, Region Three:

The following is a biweekly report for Arches National Monument for the week of May, 1949:

GENERAL: The week began with a majority of the permits here by the Devils Garden section by this to enforce the regulations of the new park to visitors and not the Devils Garden. It is evident that approximately 100 people were in attendance including representatives from the Park Service of Colorado and Southern Development Co. and County Commissioners and the National Park Service represented by Mr. Davis and Mr. Hall from Regional Office. Topographic type Contractor, Surveyor and Pilot and Grand Junction Sheriff were also in attendance. All present were very much impressed with the new road and the areas made accessible by the construction and also the excellent business which was served.

WEATHER: Rain fell on April 18th and 27th and again on May 17th. Temperatures have been intermittently all weeks. The Colorado River rose. The stream and the present water level is the highest it has been in the last four years.

PARK: The travel for the month was quite by above normal with [illegible] and 1112 people visiting the area, as compared with 117 more and 227 people for May 1947. We had representations from 22 states, Canada, Japan and Sweden.

INTERPRETIVE SERVICES: Our contacts showed a marked increase over the previous month. The average daily per were taken with a total of 22 people. A guided trip to the various features took 22 people. A total of 121 people were contacted at backpackers and 117 people were contacted in the Windows and Devils Garden sections. There were 127 people that visited the various Ranger Conducted.

EXPERIMENTAL PLANTING: Mr. Jack Hall, chief photographer for the Salt Lake Tribune, visited the area from May 17th to 19th. He covered all areas showing pictures for the week ending of the present.

Mr. Peter Alt, and party, of the Eastman Kodak Co., Rochester, New York, arrived at the monument on May 27th to shoot colored movies and stills of the area. He hopes to cover all features of the monument.

Word has been received that Mr. Jack Breed will be in on June 1st to cover the area again. He also hopes to get complete coverage on Monument Canyon and Natural Bridges.

PRIVATE LANDS: A trip was made to Sapinero, Colorado on May 26th to contact Mr. Emmett Elizondo on the purchase of the Turnbow Homestead. His signa ture was obtained on the deed and the voucher for payment. The deed will be recorded and sent to Regional Office for final action.

Mr. J. Fred Pingree of the Utah State Land Board was a visitor at the monument in the last week. He stated that he was making a trip to Washington, D. C. in September and would contact the Bureau of Land Management regarding the status of the exchange of State lands in the monument.

NATIONAL PARK SERVICE VISITORS: Assistant Regional Director Davis, Park Planner Kell and Chief Clerk Castellum arrived on May 6th. Mr. Castellum left the next day but Mr. Davis and Mr. Kell remained until May 9th, attending the Lions Barbecue in the Devils Garden on May 8th.

Forester Carlson and Chief Ranger Wade, from Santa Fe and Mesa Verde, paid us a short visit on May 11th.

RANGER SERVICE: Mr. Thomas Earl Worthington of Nephi, Utah entered on duty as temporary ranger on May 16th, 1948 for the summer season.

PUBLICITY: Word was received that the Desert Magazine plans to run an article on Delicate Arch, by Catherine and Dick Freeman, in an early issue. Information on the new road, etc was furnished at their request.

MAINTENANCE: Under rehabilitation of buildings we accomplished the reroofing of our warehouse and office building and also lined the pump and power unit room with asbestos and sheet rock to reduce our fire hazard and protect the equipment from the ever present sand.

A used pit toilet was purchased during the month and installed in the headquarters area for the convenience of our visitors.

TRAILS: Trails signs were installed on the Windows section trail, white arrows were painted on the slick-rock portions and mounted on posts over the sandy portions of the trail. Name signs were placed

Mr. Peter Alt, and party, of the Eastman Kodak Co., Rochester, New York, arrived on the monument on May 27th to shoot colored movies and stills of the area. He hopes to cover all features of the monument.

Word has been received that Mr. Jack Breed will be in on June 1st to cover the area again. He also hopes to get complete coverage on Monument Canyon and Natural Bridges.

PRIVATE LANDS: A trip was made to Spanish, Colorado on May 24th to contact Mr. Robert Elizondo on the purchase of the Trachom Homestead. His offer here was obtained on the land and the vendor for payment. The deed will be recorded and sent to Regional Office for final action.

Mr. A. Fred Rogers of the Utah State Land Board was a visitor at the monument in the last week. He stated that he was making a trip to Washington, D. C. in September and would contact the Bureau of Land Management regarding the status of the exchange of State lands in the monument.

MAINTENANCE, NAT'L SERVICE VISITORS: Assistant Regional Director Davis, Park Planner Hall and Chief CCC's Executive arrived on May 6th. Mr. Gustelius left the next day but Mr. Davis and Mr. Hall remained until May 9th, attending the Nat'l Parkways in the Lewis Region on May 8th.

Forester Garlan and Chief Ranger Wade, from Mesa Verde and Zion Verde, paid us a short visit on May 11th.

MONEY SAVING: Mr. Thomas Hunt Worthington of Vernal, Utah returned on duty as temporary ranger on May 16th, for the summer season.

FUNERAL: Word was received that the Fenert Memorial plans to visit on Arches on Decline Arch, by Catherine and Dick Freeman, in an early issue. Information on the new road, was furnished at their request.

MAINTENANCE: Under rehabilitation of buildings we accomplished the repainting of our warehouse and office building and also lined the pump and power unit room with asbestos due about product rotten our film heated and protect the equipment from the over present heat.

A wood pit toilet was purchased during the month and installed in the headquarters area for the convenience of our visitors.

TRAILS: Trail signs were installed on the Window reading trail. Trail areas were related on the alternate routings and reported over the hourly portions of the trail. Some signs were placed

at Cove Arch, Double Arch, Parade of the Elephants, North and South Windows and Turret Arch. This should eliminate considerable complaint regarding our trail in this section.

Signs have been completed for the Courthouse Towers Trail and features and we hope to have them in place shortly after the 1st of June.

ROADS: The State crew spent two days hauling shale to the bad spots on the approach road and at this writing they are grading this road and also the roads within the boundaries of the monument.

Several days were spent by Laborer-Leadman Winbourn hauling shale to rough spots on the road in the monument. Slow and stop signs have been placed at road junctions and rock guardrail has been installed at several points along the loop road in the Devils Garden to keep cars from tearing up the area.

Russell L. Mahan
Custodian

(in trip.)

Page 2, Arcadia Tur. Bdg., May, 1962

at Cove Arch, Double Arch, Church of the Holy Cross, North and South Windows and Turret Arch. This should eliminate unauthorized removal of our small in this section.

Signs have been completed for the Courthouse Tower Trail and Features and we hope to have them in place shortly after the 1st of June.

RAIN: The State crew spent two days hauling shale to the bad areas on the approach road and at this writing they are finishing this road and also the roads within the boundaries of the monument.

Several days were spent by Laborer-Janitor Kinkaeve hauling shale to rough spots on the road in the monument. Slow and step slope have been placed at road junctions and road gradients has been lubricated at several points along the loop road to the Devils Garden by Jack Jare this during so the area.

Respectfully, Warren
Superintendent

(in trip.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

MEMORANDUM for the Regional Director, 24 May 1948
Region Three.

There follows the report of activities in Aztec Ruins for May 1948.

WEATHER. Pleasant days with an occasional wind storm have been ours during the month. The weather and the season of the year have brot increased numbers of people to the Ruins.

SPECIAL ACTIVITIES. Messers. Davis, Kell, Gastellum and Allen from the Regional Office visited during the month. The Custodian presented a short talk on the NPS, illustrated with colored film, to 125 members of an inter-state conference of the Rebecca Lodge.

INSPECTIONS. Gastellum and Allen made an inspection of accounts and sales during the period May 5 to 17, 1948.

MAINTENANCE. Work on construction of a sump to drain our underground water storage, construction of a roof over the excavated area and the installation of a draining system have been completed.

Arrangements have been made to obtain a number of cedar logs for repair to our Kiva "E" in the plaza of the main ruin. The repair work it is expected will be completed by the Chaco stabilization crew during June.

NEW CONSTRUCTION. Bids have been let for the construction of a new residence, which work it is believed will begin in the early part of June by a Farmington, N.M. contractor.

INTERPRETIVE SERVICE. There were 748 visitors in 133 parties guided thru the ruins and 1058 visitors in 202 groups were shown the museum.

INCREASE IN TRAVEL. This month travel has increased approximately 19% over May 1947 with 1058 people in 311 cars from 36 states, Canada, El Salvador, China and Japan. We have enjoyed several school groups from Colorado, Utah and New Mexico.

PROTECTION. A member from one of the school groups entered a room in the ruins and removed an exhibit. Altho there had been another school class present the same day, we felt we knew the offending ones and made a plaster cast of the foot print left in the soft soil of the room from which the object had been removed, and forwarded the cast to the principal of the school for his detection of the guilty party. Apparently he had little difficulty in locating the person responsible, for the artifact was returned quite promptly with due appologies from the entire class.

Irving D. Townsend
Irving D. Townsend,
Custodian.

AZTEC

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

May 31, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier National Monument for the month of May, 1948.

WEATHER

Beautiful spring weather prevailed during most of the month with rain occurring only 5 days and amounting to one and fifty-five hundredths inches. Temperatures ranged from 25 degrees on the 8th to 91 degrees on the 16th. The abundant moisture this spring has made the Canyon very beautiful with numerous wild flowers in bloom and the grass and shrubs are putting out a good new growth. The cactus started to bloom during the month and made its usual beautiful display.

MAINTENANCE

The work of reducing the fire hazard in the Lodge kitchen was completed with the exception of the installation of a ventilating fan and the new stove unit. Bids for both stove and the fan were opened on the 20th and we are now waiting delivery of both items.

The improvement of the water intake was completed during the month and consisted of digging out the intake pipe and repacking it with gravel. Both of the comfort stations were repainted on the inside and generally put in good condition.

INTERPRETATION

One talk was given outside of the Monument by the Custodian to 250 students of the Los Alamos Grade School on the geology of the Monument and of the surrounding area. Fourteen members of the Physiography class of the Los Alamos High School were given a talk at the Monument on the Jemez Crater.

Due to the manpower shortage, parties to the ruins on weekends still run far too large with 40 to 50 people making up the groups. They do not get nearly the enjoyment or benefit from the trip that they would if the parties were limited to 30 or less.

In the 13 days that the Fire Lookout was manned, 53 parties of

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

May 31, 1941

MEMORANDUM for the Regional Director, Region Three.

Here follows a report of the activities at Bandelier National Monument for the month of May, 1941.

WEATHER

Beautiful spring weather prevailed during most of the month with rain occurring only 3 days and amounting in one day to 0.75 inches including hail. Temperatures ranged from 27 degrees on the 5th to 93 degrees on the 31st. The average maximum was 78.4 degrees with the lowest very beautiful cool mornings. Flowers in bloom and the grass and shrubs are putting on a good new growth. The cactus started to bloom early the 30th and made the usual beautiful display.

MAINTENANCE

The work of removing the fire damaged Indian Village dwellings was completed with the excepti[illegible] of the Bandelier Lodge, resulting from the recent storm [illegible]. Both [illegible] were opened on the 31st and on the [illegible] following.

The improvement of the water lines was completed during the month and resulted in digging on the Indian ruins and repairing the water mains. Much of the [illegible] work was done in the Indian and generally the [illegible] in good condition.

[illegible]

[illegible] was given outside of the Monument by the [illegible] to [illegible] the Los Alamos Boys Scout on the painting of the [illegible] of the surrounding area. Thirteen members of the [illegible] of the Los Alamos High School were given a [illegible] on the Upper Frijoles.

Due to the campfire shortage, permits to the Pueblo for ceremonial dances for the Indians will be [illegible] to people making up the trips. They do not permit the enjoyment or benefit from the trip that they would if the services were limited to 30 or less.

In the 13 days that the Fire Lookout was manned, 53 persons on

177 visitors spent an average time of 23 minutes looking over the area and receiving instruction in the operation of the Lookout and the story of Forest Preservation. In this way the Lookout served the dual purpose of contacting visitors and educating the public as well as performing the normal function.

An illustrated film talk on Alaska was given on the night of the 25th by Mr. W. H. Krouse, who was in the Monument for 4 days taking pictures for a travel film of the Southwest.

MUSEUM

The 4 Seasonal Dance and six animal paintings for the Seasonal Ceremonies case in the Museum, were finished by Pablita Velarde Hardin. The dance paintings were finished on donated time by Mrs. Hardin, and the Southwestern Monument Association donated the money for the animal paintings. Labels have been ordered and the case will be installed early in June.

VISITORS

Associate Regional Director Patraw with Messrs. Greenwood and Booher of the Bureau of the Budget, made an inspection of the area on May 1.

Architect Saunders spent May 3rd inspecting the work that was being done on the rehabilitation of the lodge kitchen.

Mr. and Mrs. Werner from Lowell, Massachusetts spent 4 days in the Monument from May 10 to 13 taking pictures.

Mr. W. H. Krouse, Glassboro, New Jersey, who is making a travelogue of the Southwest, spent 4 days in the Monument from May 23 to 26 taking pictures of the important features of Bandelier. New Mexico weather was not very cooperative with Mr. Krouse and it was cloudy during most of the time that he was here.

Other Park Service Officials who visited the Monument during the month were; Regional Engineer Lassiter, Regional Forester Carlson, Assistant Regional Forester Ratcliff, Assistant Forester Walker from the Director's Office and Archaeologist Steen.

[illegible] readers gave an average size of 23 minutes handing over the area and receiving instruction in the operation of the Lumens and the study of their investigation. In this way the Lumens serve the dual purpose of entertaining children and educating the public as well as performing the basic function.

An illustrated film-talk on Africa was given on the night of the 25th by Dr. R. Lemmon, who was the guest for a dog show taking place for a special film of the occasion.

Finance

The 1 Halfpenny Rate and its annual yielding for the General Investment area in the Borough, were finalized by Public Health Sub-Committee. The Home Publicity was finalized on Annual Item by Mrs. Burns, and the Investment Planned Investigation Special Fund Money for the Annual Publicity. Labels have been ordered and the most will be installed early in June.

Finance

Amenities Sub-Committee Future will Report. Discussion and Income of the Bureau of the Delphi, made an Inspection of the area on May 2.

Architect Insurance Report for the Inspection, the Work that was being done in the rationalization of the Lodge Fishers.

Mr. and Mrs. Warner from Israel, Successively spent 1 days in the Bureau from May 10 to 23 during visitors.

Mr. R. Brown, Chairman, Mrs Jones, the is making a time-release of the Testament, spent 1 day in the Bureau from May 23 to 25 taking photos of the Important Features of Publicity. Mrs Martin meeting was not very successful with Mr. Brown and it was already during work of the time that he was here.

Miss Ivy Bernie (Philadelphia was visited the Bureau during the month among Regional Organizer Lambert, Regional Treasurer Smith, Assistant Regional Provincial Secretary, Assistant Provincial Publicity Officer from the Liverpool Office and Professional Bureau.

STABILIZATION

Laborer Foreman, Sam Orem, received an appointment to Chaco Canyon as Seasonal Ranger, and reported for duty there on the 9th. Romolo Cordero has been appointed Laborer Leadman to assist in supervision of the remaining stabilization of the Big Community House ruin. Three additional laborers were hired from Santa Domingo Pueblo and work is progressing at a fast pace.
Mr. Steen delivered a small cement mixer to the area on the 20th and this has helped to speed up the work to quite an extent.

FOREST PROTECTION

A fire training school was held on the 10th and 11th for all Bandelier personnel including employees of the Concessioner. The instruction included Building Fire Protection, First Aid and Forest Fire Control.

Maintenance-man Valencia took the spray truck to Canyon de Chelly National Monument from the 7th to 13th to spray the trees there to prevent insect damage. The entire campground area in Bandelier was also sprayed with DDT solution to prevent insect damage. A few tent caterpillars were observed during the month on the choke-cherry trees, but the DDT soon made short work of them.

Fire danger has been generally high during most of the month with a few days approaching extreme. However, no fires occurred within the Monument although four were observed in Atomic Energy Commission land north and west of the Monument.

The Bandelier Lookout cooperated with the Forest Service and the Atomic Energy Commission by furnishing bearings and other information on the fires.

WILD LIFE PROTECTION

Fresh beaver cutting on the new dam were found about 3 miles up Frijoles Canyon from the Headquarters area. One dead beaver was found below the falls in the lower part of the Canyon. This seems to be an annual occurrence for one or two of the animals to go over the falls and be killed.

ROADS and TRAILS

The approach road was getting rough toward the last of the month due to rain and lack of grading. Grading of the road was delayed in anticipation of the completion of the overhaul of the big caterpillar-12 grader at Los Alamos. By the end of the month the work on the grader had been completed with the exception of the installation of the cab and a few minor adjustments. It was decided to not wait for the cab but to put the grader in use and the cab can be installed later when it is repaired.

Most of the trails in the Monument have been inspected and some loose rock removed from them. However, a great deal of drainage and improvement needs to be done that will have to be delayed until

[illegible]

Lumber Bonanza, one [illegible], provided an opportunity to Cougar Canyon as Bonanza Ranger, and requested for duty there on the 8th. Bonanza Corners has been equipped during January to assist in operation of the rehabilitation activities of the Big Bonanza Home Site. Three additional laborers were taken from Santa Lucia to Public and work is progressing at a fast pace.

On Moon Mountain a small season ranger to the area on the 4th and this one helped to speed up the work to quite an extent.

Forest Protection

A fire training school was held on the 10th and 11th for all Rehabilitation personnel including employees of the Conservation. The instruction included Ed Alling Fire Protection, First Aid and Forest Fire Control.

Rehabilitation-men Valencia took the spray truck to Cougar on Nacity National Monument from the 7th to 12th to spray the trees there to prevent insect damage. The entire campground area in Rehabilitation was also sprayed with DDT solution to prevent insect damage. A few test sulphurplikes were observed during the month on the Santa-Cherry trees, but the DDT has made short work of them.

Fire danger has been generally high during most of the month with a few days approaching extreme. However, no fires occurred within the Bonanza although fires were observed in Santa Barbara Consolation land north and east of the Bonanza.

The Rehabilitation Control cooperated with the Forest Service and the Sierra Energy Commission by furnishing meetings and other information on the fires.

Rehabilitation Activities

Final lumber hauling on the new dam were finished about 3 miles up Pitkin Canyon from the Rehabilitation area. One dead lumber was found below the dam in the lower part of the Canyon. This seems to be an actual overpassage for one or two of the animals to [illegible] the falls and be killed.

[illegible]

The [illegible] road was rolling rocks toward the back of the [illegible] and lack of grading. Grading of the road was delayed [illegible] completion of the construction of the [illegible] greater at the Bonanza. By the end of the month the [illegible] greater had been completed with the exception of the [illegible] of the end and a few minor adjustments. It was decided to not wait for the car but to put the grader in use and the car can be installed later when it is required.

Most of the trails in the Bonanza have been inspected and some rock removed from them. However, a great deal of cleanup and improvement needs to be done that will have to be delayed until

additional funds are secured.

Construction was started by the Atomic Energy Commission on the new road that runs through Sandia Canyon on the Otowi section. This road is to provide access to the new Technical area at Los Alamos.

CONCESSIONERS

Business at the Frijoles Canyon Lodge was a little dissapointing during the month. Even though there was a considerable increase in the visitors for the area, there were fewer lodgings and meals served at the Lodge than for the same period last year. The total was 93 lodgings and 648 meals.

Fred W. Binnewies
Custodian

Canyon de Chelly National Monument
Chinle, Arizona

May 25, 1948

MEMORANDUM for the Regional Director, Region Three.

The following is a report on activities at Canyon de Chelly National Monument during the Month of May, 1948.

Weather

The weatherman passed us up this month as far as moisture was concerned but gave us a bit of wind. The canyon stream continued flowing until May 18th at which date our first trip was made by car. The month has been comparatively warm with a miximum of 90 degrees and a minimum of 19 degrees.

Administration

Annual leave was taken on five days during the month due to the illness and death of my Father in law. Heavy travel coupled with maintenance and repair work left little time for administrative work during office hours but we're gradually catching up.

One trip was made to Gallup, New Mexico to speak to a Chamber of Commerce group, but the trip was in vain other than to pick up needed supplies as the meeting was cancelled after my arrival.

Maintenance

The Navajo Service must have felt sorry for me after watching me trying to drag my road with the old piece of iron I use for this purpose, for they sent over a patrol grader which made one trip from headquarters to Saw mill. Although dusty, our roads are in the best condition they have been for some years.

The trailer house was remodeled to conform with plans and cabinet work installed. This is practically completed. Cleanup work around headquarters was made.

Soil and Moisture.

Repairs were made to the revetment at Antelope house and also to the plantings at both Antelope and White house.

Report on Daily Technical Research
Kiska, Aleutians

May 31, 1944

Submitted for the Technical director, Dalton Texas.

The following is a report on activities at Camp on Daily Technical Research during the month of May, 1944.

Weather

The weather seemed to be this month as far as activities was concerned but gave us a bit of wind. The camp area experienced flowing until May 14th at which date our first trip was made by car. The month has been comparatively warm with a minimum of 30 degrees and a minimum of 19 degrees.

Entertainment

Annual leave was taken on five days during the month due to the illness and death of my father in law. Many travel complied with, maintenance and repair work left little time for entertainment was during office hours but we've gradually catching up.
The trip was made to Dalton, for leave to speak to a Member of Congress group, but the trip was in vain other than to pick up needed supplies as the meeting was cancelled after my arrival.

Maintenance

The Bowie Derrick must have felt sorry for me after watching me trying to drag my road with the old piece of iron I use for this purpose, for they sent over a Patrol grader which was the trip from heavyweight to the all. Although dusty, our roads are in the best condition they have been for some years.

The trailer house was remodeled to conform with plan and delivery work installed. This is practically completed. Cleaning work around headquarter was made.

Dull and Leisure.

Efforts were made to the provisment of Bowling lanes and also to the planning of both Bowling and Table tennis.

Insect Infestation

The area of cottonwood trees around headquarters were sprayed with a solution of lead arsenate. Equipm ent was brought from Bandelier National Monument for this job which was completed in a day and a half. The infestation of the Cottonwood leaf beetle has extended into the canyons beyond the point where we could safely take the heavy equipment and the new plantings are being sprayed by hand to protect them until such time as we can go over the whole infested areas. The equipment was brought in by Tony Valencia who assisted with the spraying

Travel

Although slightly below last years travel, we still show a sizeable increase in or Fiscal year to date. Poor road conditions and the lateness of the season probably account for some of our decrease.

Visitors

Mr. and Mrs. Joseph Muench, Jonreed Lauritzen.

Government Publications on Hand

Mimeographed leaflets, CDC..... 300
2-fold leaflets, CDC.....1500
Glimpses of N.P..... 17
Map folders, SWNM..... 110
Map Folder No. 6..... 250

Ranger Service

Mr. Richard K. Thomas who was to report for duty as seasonal ranger was offered an opportunity to continue his work with Highlands University and decided not to accept the Ranger job. Regular Conducted tours will be resumed when this or the permanent ranger position is filled.

Meredith M. Guillet
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS

ADDRESS REPLY TO
THE SUPERINTENDENT

~~COOLIDGE, ARIZONA~~
Capulin, N. Mex.
May 27, 1948

Memorandum for the Regional Director
Region Three, National Park Service
Santa Fe, New Mexico

The following is a report of the activities in and around Capulin Mountain National Monument for the month of May, 1948.

There were approximately fifteen hundred visitors to the Volcano during the month, making a total of eight thousand one hundred visitors for the travel year to date and a total of twenty seven thousand six hundred for the fiscal year.

The weather has been cool, with some high winds and about two inches of rainfall reported during the month.

Some of the early flowers are still blooming, trees are all leafed out and the grass is growing fast, due to the good showers. The animals in the Park are in wonderful condition, which is very surprising, considering the hard winter they have just gone through.

The roads and trails are again in top condition, ready for the many expected summer visitors.

Very respectfully,

Homer J. Farr

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

May 25, 1948.

MEMORANDUM for the Regional Director,
Region Three.

These follows the narrative report for Casa Grande National Monument for May, 1948.

General: The water situation here is still acute and there is no indication of better conditions in the future. New wells are going in all around us and this can only result in further lowering of the water table. In addition to lack of water, cotton farmers were plagued by two rather severe dust storms which removed valuable topsoil from around the young cotton plants. So far the electricity has been adequate and the power has not been turned off for short periods every day as was earlier rumored. What the situation will be after June 1 is another matter.

Weather: Temperatures have been quite comfortable so far but we are expecting the mercury to start soaring at any time now. We had two days with a thermometer reading of 101 which is a slight drop from last month. The high minimum was 73 and the low minimum 44. A dust storm hit us on the 18th making things disagreeable.

Visitors: May 1948 - 2197: May 1947 - 2043. Travel year to date 1948 - 30,210: Travel year to date 1947 - 27,828. This is a gain of 154 over May of last year. Travel is steadily decreasing however, now that hot weather is here.

Interpretive Services: Of the 2197 visitors to the area, 1340made the ruins trip in 175 groups, averaging 46.5 minutes per trip. 857 people were here for a quick look but did not make the ruins trip.

Administration and Protection: One routine inspection trip was taken to the Adamsville site to check on trespassing and "pot hunting". Five letters requesting information were answered by the custodian. The region put out bids and a purchase order has been received for the purchase of an electric water heater.

NPS. Visitors and Visitors of Note: On May 5, Custodian Supernaugh and Ranger Bean of Organ Pipe Cactus National Monument were in to pick up their horse trailer, bed for a two wheel trailer and a power saw. On May 6, Superintendent H.C. Bryant and Mrs. Bryant stopped in to say hello to

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

May 28, 1940.

Superintendent
Regional Director,
Region Three.

There follows the activity report for Casa Grande National Monument for May, 1940.

General: The water situation here is still acute and there is no indication of better conditions in the future. Men will are going in all around us and this can only result in further lowering of the water table. In addition to lack of water, wells formerly were plagued by low water service that storms which produced volumes upwards from around the pumping station plants. So far the electricity has been adequate and the power has not been turned off for short periods every day or so; another month, and the situation will be worse than I is another matter.

Weather: Temperatures have been quite comfortable so far but we are expecting the country to start sweating it out this year. We had our first with a thermometer reading of 101 which is a slight drop from last month. The high minimum was 73 and the low minimum 44. A dust storm hit us on the 16th making things disagreeable.

Visitors: Day Use - 8187; Day Year - 9041. Travel year to date 1940 - 30,818; Travel year to date 1939 - 27,888. This is a gain of 1943 over day of last year. Travel is steadily increasing however, the trend but weather is warm.

Interpretive Services: Of the 8187 visitors to the area, 3000 made the route trip in the groups, averaging 44.3 minutes per trip. 187 people were here for a walk look but did not make the route trip.

Maintenance and Protection: The routine inspection trip was taken to the Adamsville site to observe on trespassing and "pot hunting". Five letters re-meeting information were received by the building. The engine put out this and a previous motor has been received for the purchase of an electric water heater.

Mr. Vickers and Visitors of Note: On May 6, Dorothies Hoverson and Evelyn Dam of Grand Canyon National Monument were in to plan an early Hopes trailer, but for a the small trailer and a power saw. On May 6, Superintendent E.C. Depoit and Mrs. Depoit stopped in on way home to

Ranger Arnberger and family. Dr. Bryant was returning from the installation ceremonies of President McCormick at the University of Arizona at Tucson. Mr. J.R. Whitting Jr., husband of Nancy Pinkley Whitting Jr., was here on May 12, to pick up part of her belongings that have been stored here since the Boss's death in 1940. Jimmy Rogers, former CCC guide here at the ruins in 1938-39, paid us a visit on May 22.

Mechanics Activities: General repairs were made to the following equipment:

Area From.	Equipment.
Organ Pipe Cactus Nat'l Mon.	Horse Trailer Tool box for Dodge Pickup Bed for two wheel trailer Tractor Pipe vise bench Welding Carriage
Saguaro Nat'l. Mon.	Refrigerator
Casa Grande Nat'l. Mon.	Ford dump truck Steam Cleaner Auto Car Tractor Hydraulic Press Chlorinator Chevrolet Pickup Welding Table Three screen doors

Personnel: Archeologist and Mrs. Dan Davis are the parents of a baby boy born April 28, at Florence. The baby weighed 7 pounds 6 ounces and has been named Daniel Bruce.

Nature Notes: Our desert flora and fauna are really putting on a show for us this month. All of the cacti had a colorful display of blossoms for our visitors but are now through blooming. The giant cactus blossoms are just opening however. The birds in particular have been interesting this month. We have a nest full of four young sparrow hawks in a niche just over the east doorway to the ruins which are beginning to attract attention by the noise they make. A Palmer Thrasher has a nest with a two week old youngster in it in a cholla just in front of the Administration Building. A group of Gilded Flickers have finally left their nest in the giant cactus on the path to the ruins.

Hunger insurgent out fault. Mr. Bryant was returning from the installation ceremonies of President Wakefield at the University of Toronto in Toronto. Mr. J.J. Hartley Jr., Director of Theory Fiction during Jr., was born on May 17, so plan to pick up of her relationship that have been stained here since the Duke's death in 1940. Stamp Dugard, Tenner 100 quite have it the motion in 1990-91, paid for a visit on May 24.

Publication activities: Several articles were made to the following equipment:

Area Item.	Equipment.
Front Page Radio Hotline.	Home Theater Dual Dog Pir Dodge Flicker Dal Ear Two Wheel Bottom Theater Flip View Screen Melting Machine
Liquor Hotl. Line.	Refrigerator
Fire Dragon Hotl. Line.	Fast Long Break Drum Cleaner Have One Theater Nightmare Tread Alternative Overview Lamp Molding Tools Three Screen Dance

Personnel: Technicians and line. Lon Davis was the grandson of a lady who been April 20, at Clemens. The lady weighed 7 pounds 2 ounces and has been named Muriel Bevor.

Future Plans: Her beauty flies and Jesse are finally yielding to a show for an Ella month. All of the cents had a material display of Summer for our visitors but Arctic Circle standing. The plant service blimpen was just opening Anvers. The Sirra is practicing more lamentation this week. We have a most full of free phone errors based in a month but now his not farmer to the rules which are beginning to return attention by the Lake Lamp area. A Fisher Thrasher has a suit with a two week old problem in it in a mobile part in front of the Administration Building. A group of Sirra Fishers Bore Finally left their lamp and in the first notice of the pair to the Lake.

Leaves Taken: Maintenance Man C.D. Barnett and wife Betty left April 30, on annual leave. They are going to Iowa to visit relatives.

A.T. Bicknell,
Custodian.

Chaco Canyon National Monument
Bloomfield, New Mexico
May 26, 1948

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of May, 1948.

There were 112 visitors to Chaco Canyon this past month. They came in 37 automobiles from the states of:- Arizona - 1 car, 2 visitors; California - 6 cars, 14 visitors; Colorado - 11 cars, 38 visitors; Kansas - 1 car, 3 visitors; New Mexico - 11 cars, 42 visitors; New York - 1 car, 2 visitors; Texas - 2 cars, 4 visitors; Virginia - 1 car, 1 visitor, and Washington - 3 cars, 6 visitors. The visitors formed 27 ruins trip parties, 25 museum parties and one information seeking party. Archaeologist Aide Rixey spent 3 hours and 20 minutes guiding part of these visitors, Ranger Sam Orem spent 12 hours guiding others and the custodian spent 22 hours and 30 minutes guiding still others.

The coolest this month was 27 degrees Fahrenheit on the 25th of April and the warmest was 90 degrees on the 16th of May. The total precipitation was .89 of an inch.

The approach roads remained dry, passable, but rough most of the period. However, the last few days have brought rain and slippery roads. Working through the Chamber of Commerce in Farmington, we have definite aid promised us by the State Highway Department for this summer. The Gallup Chamber of Commerce is planning to run regularly-scheduled, sponsored tours to Chaco once each week this summer.

The road job is being pushed to completion before the end of the fiscal year. Several culverts have been placed and the road built over them. The spillway on the south side of the bridge has been built of stone, concrete and several sections of culvert. It functioned satisfactorily after the last rain.

The Soil and Moisture Crew, job 882, have cut down a large number of tamarisk for erosion control work on the mesa. In the 884 job 15, they have been repairing revetments.

Samuel A. Orem reported for duty as temporary ranger on May 10, 1948, and took hold as the veteran he is.

Casa Grande National Monument
Ki-Vitaki, San Carlos
May 12, 1952

Superintendent for the National Monuments, Region Three,
National Park Service.

There follows the report of activities in Casa Grande National Monument for the month of May, 1952.

There were 112 visitors to Casa Grande this past month. They came in 27 automobiles from the states of:- Arizona - 1 car, 2 visitors; California - 4 cars, 14 visitors; Colorado - 17 cars, 28 visitors; Canada - 1 car, 3 visitors; New Mexico - 11 cars, 42 visitors; New York - 1 car, 2 visitors; Texas - 2 cars, 4 visitors; Virginia - 1 car, 1 visitor, and Washington - 2 cars, 3 visitors. The visitors found 27 visitor use publications, 20 museum guides and no information sheets. Informal talks were given twice daily, 20 minutes per talk, and 20 minutes guiding part of them visitors. Longer ten-mile tours, 12 hours guiding others and the evening talks lasted 12 hours and 30 minutes guiding all: 12 hours.

The weekly film movie was 27 degrees Fahrenheit on the 20th or April and the monthly was 30 degrees on the 24th of May. The total precipitation was .48 of an inch.

The apparatus works remained dry, presumably, but rough much of the rainfall. However, the last few days have brought rain and adjoining roads. Guiding through the thunder is dangerous to Ranger-Guides, so have radioing aid provided us by the Indian Agency Department for this reason. The daily number of tourists is just big enough to run regularly-scheduled, guided tours in these time with just this number.

The road job is being rushed to completion before the end of the fiscal year. Culvert contracts have been placed and the road built very fast. The highway is the small size of the bridge has been built of stone, matching the original masonry of history. It functioned satisfactorily after the last rain.

The Hall and Hallman Live, Jr. and, Jr. and Sons a large amount of tourists for crowing without work on the cases. In the end of it, they have been excluding overtime.

Thomas L. Sims reported for duty as temporary ranger on May 12, 1952, and has built as the vacancy is.

The Padilla family was moved out of the Monument. Of the Navajo families which had at one time lived within the Monument boundaries, this was the last to leave. The moving of this family was accomplished only through the cooperation of every one in the canyon, especially Gordon Vivian.

The well, it was discovered one day, had silted to the top with sand. About 15 man days were spent in digging it out and putting it back in shape.

National Park Service visitors included John Davis, Luis Gastellum and John Bell.

The Trader reports a larger number of overnight visitors. He has finished with wool season, and, incidentally, bought twice the amount he bought last year. He already has a small stock of jewelry on hand for the summer season. Rugs are coming in slowly, due to the planting and shearing season.

Projects for the ensuing months:- finish with the road repairs; wind up the 882 job by placing the tamarisk in strategic spots on the mesa and repair as many more revetments as possible before the end of the fiscal year.

Irving McNeil, Jr.
Custodian

The Public Family was moved out of the Movement. Of the Dandy Machine which had at one time lined within the Movement headquarters, this was the last to leave. The service of this family was accomplished only through the sacrifice of every one in the company, especially Evelyn Flynn.

The well, if you disregard the day, has added to the big site week. Great is now days more quick to flatter it not and, strong it been in danger.

Personal dues service visitors invaded Ann Arbor, this week-end and from

The trader reports a larger number of overnight visitors, on the Fraternal Sun and Sunday, and, incidentally, bought quite the amount in bright-hued jewelry. He already has a small stock of jewelry in hand for Fall school venture. This has a day is which, due to the planting and showing method.

Preparing for the coming month- Plans with the most helpful ideas to-day are put by placing the Summons in attractive work- on the mean and relate as ever more valuable as possible before the end of the Forest year.

Sincerely yours,
Irving Abbott, Jr.
Operation

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Chaco Canyon National Monument
Bloomfield, New Mexico
May 25, 1948

19

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the narrative report of Mobile Unit activities in your area during May, 1948.

I spent the first 16 days of the month on a short detail to Grand Canyon National Park in connection with the stabilization of Tusayan Ruin and following that visited Navajo, Wupatki, Walnut Canyon, Tuzigoot and Montezuma Castle National Monuments checking data for the stabilization manual. In my absence Archeologist aide Rixey and Custodian McNeil continued the work of the Mobile Unit.

Progress was excellent though they were hampered both at Chettro Kettle and on the flood control channel and revetment by the continued labor shortage. The shortage as noted last month has been more pronounced than it was at this time last year.

The weather has continued favorable though there was one night with below freezing temperatures and as this is written the crews have been laid off due to heavy rains.

Some help was given the custodian this month with crew and trucks in removing the accumulation of Navajo across from the headquarters and in cleaning out the well.

Of the two major jobs undertaken this month the ditch and revetment east of Chettro Kettle is approximately 50 percent completed. A large part of this work was accomplished with the only two men available. The channel there has been rough graded to a width of 15 feet using the motor patrol and a fresno obtained from a local rancher. The trench for the wire basket, slightly over 200 feet in length was done with a small slip and hand finished.

Ninety percent of the posts for the revetment have been hauled and are in place. The wire basket has also been carried this far. Slightly less than half of the rock has been hauled. Heavy sand was encountered in hauling by truck from the nearby talus slopes and so far most of the rock has been hauled from the south gap -- including the hogans, stone house, corrals etc of the family removed there.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

NATIONAL MONUMENT
Chaco Canyon National Monument
Bloomfield, New Mexico
May 25, 1944

19

MEMORANDUM for the Superintendent,
Chaco Canyon National Monument.

There follows the narrative report of Mobile Unit activities in your area during May, 1944.

I spent the first 16 days of the month on a short detail to Grand Canyon National Park in connection with the stabilization of Tusayan ruin and following that visited Navajo, Aztec Canyon, Pueblo Bonito and Kontsumma Pueblo National Monuments checking data for the stabilization manual. In my absence Archaeologist Alice Hixey and Technician Tufell continued the work of the Mobile Unit.

Progress was excellent there they were prepared both at Chetro Ketile and the flood control channel and revetment by the contained labor shortage. The shortage as noted last month has been more pronounced than it was at this time last year.

The weather has continued favorable though there was one night with below freezing temperatures and as this is written the crews have been laid off due to heavy rains.

Some help was given the Archeologist this month with crew and trucks in removing the accumulation of Navajo across from the headquarters and in cleaning out the well.

Of the two major jobs undertaken this month the ditch and revetment east of Chetro Ketile is approximately 50 percent completed. A large part of this work was accomplished with the only two men available. The channel there has been roughly graded to a width of 15 feet along the motor patrol and a fresno obtained from a local rancher. The fresno for the wire basket, slightly over 200 feet in length was done with a small slip and sand finished.

Ninety percent of the posts for the revetment have been hauled and are in place. The wire basket has also been carried this far. Slightly less than half of the rock has been hauled. Heavy sand was encountered in hauling by truck from the nearby talus slopes and so far most of the rock has been hauled from the south gap — including the bogans, stone boxes, corrals etc of the family reserved area.

The heavy rains of yesterday and today have poured considerable water over the cliff northeast of Chettro Kettle. None has ponded behind the ruin but the heavy runoff down the drain channel partially silted in the lower end of the trench cut to hold the wire basket. It will have to be dug out by hand. No other damage was found and the channel and revetment appear to contain the flood water satisfactorily.

At Chettro Kettle two small jobs were completed before work started on Kiva G — resetting the facing and placing lintels in the lower doorway, 53 E and completing a buttress section at the juncture of 47/52 south.

The entire overhanging north section of Kiva G was removed to the level of the bottom of the bench. It will be recalled that G is the kiva superimposed over the excavated Kiva H and that the bench was rebuilt and supported on planks and pipes at the time of excavation. It overhangs, in this section, some 7 feet of wall in the lower structure.

With the bench removed a large crack was repaired in the 7-foot height of the lower wall. The overhanging bench was rebuilt, supported on sections of rail and steel tie plates. Bench and outter wall are reinforced with heavy steel; the bench has been completed and the wall is 80 percent done.

In the coming month all drainage work will be finished since the crew has been recently increased to five, the south walls of the rooms outside Kiva G will be raised to retain the fill around the kiva and a low section of wall on the north exterior of the site will be raised as bracing for cracked sections there.

Gordon Vivian
Archeologist

The heavy rains of yesterday and today have caused considerable water over the cliff movement of Quarry Estate. Some has reached behind the pile and the heavy runoff down the drain channel partially filled in the lower end of the branch out to hole the wire basket. It will have to be dug out by hand. No other damage was found and the channel and revetment appear to contain the flood water satisfactorily.

In Charing Estate two small jobs were completed before rain started on Five 0 — resetting the fencing and placing blocks in the lower channel. It is and excelling a battered section at the junction of [illegible] roads.

The entire overhanging earth section of Five 0 was removed in the total of the bottom of the bench. It will be recalled that 0 is the five experimental area the excavated Five 5 and that the bench was remade and supported on plants and pipes at the time of excavation. In overhang, in this section, some 7 feet of wall in the lower structure.

With the bench removed a large crack was required in the front bulkhead of the lower wall. The overhanging bench was remade, supported on sections of rail and steel tie plates. Bench and entire wall are reinforced with heavy wheel; the bench has been completed and the wall is 80 percent done.

In the coming week all drainage work will be finished along the area has been recently increased to five, the crack walls of the rear behind Five 0 will be raised to retain the fill around the five and a low section of wall on the north exterior of the site will be raised, as bracing for [illegible] there.

Lorne Sims
Archaeologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT

Chiricahua National Monument
Dos Cabezos, Arizona, 19

May 25, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Chiricahua National Monument for May.

Weather Conditions. No rain has fallen since last report. Only .24 inch of moisture has fallen since February. High dry winds have combined with the dry weather to make this a very dusty season.

Maintenance. Several days were spent ironing out difficulties on the Sugar Loaf Lookout telephone line. It is now working satisfactorily. A laborer has been helping Operator Marble on roads and trails. The Headquarters parking lot has been enlarged and the road and trail work is getting fairly well caught up.

Approaches to Monument. State Highway 181 is closed for oiling. This makes it necessary for visitors approaching from the south to go via Rodeo or Willcox. All approach roads are very rough and dusty.

Interpretive Service. Two all day trips were made with well known photographers, Mr. Josef Muench and Mr. Whipple. A two hour field trip was made by Ranger Ringenbach with a group of 33 seventh grade school children. 1,075 visitors in 251 parties were contacted in the museum.

Travel. 1,215 visitors came to Chiricahua this month. This is an increase of 139 over May of 1947. It is thought that travel would be much heavier if one of our main approach roads was not closed for construction.

Forest Fire Protection. Fire Control Aide Windes began work on Sugar Loaf Lookout on May 3. The forest floor is undoubtedly much drier than usual at this time of the year. This combined with continued windy weather makes us hope we don't get any fires before the rainy season.

Special. Funeral Services were held May 9 for Mr. John Ball, Bisbee photographer and friend of the Park Service. Mr. Ball took many pictures Chiricahua in it's early history and was an influence in having the are proclaimed a National Monument. Custodian and Mrs. Cooke attended the eral services. Mr. Ball requested before passing away that his ashe scattered over Chiricahua National Monument.

Clair V. Cooke

Clair V. Cooke,
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

May 26, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in El Morro National Monument for the month of May, 1948.

WEATHER: With only .05 inches of precipitation and high winds most every day, this whole country has become very dry. Maximum temperature reached 84 degrees and the minimum went down to 25 degrees.

TRAVEL: From 18 different states came 208 visitors in 51 cars. The tour of the Inscriptions was made by 199 people and 9 people arrived for information about roads and the whereabouts of local gente.

APPROACH ROADS: Both roads were dry and passable during the entire report period. The survey for improvement of State Highway #53 was started on May 15th., but it is doubtful if actual construction will be started this summer. It is encouraging, however, to see a line of survey stakes.

EDUCATIONAL ACTIVITIES: On May 18th. I attended a dinner and meeting of the business men of Gallup. Details of plans were outlined for their tourist school(training of personnel coming directly in contact with tourists) and establishment of daily conducted tours to El Morro, Chaco Canyon and Canyon de Chelly. On May 19th. I was scheduled to conduct two classes giving correct information about El Morro and Zuni. Both classes were held with an enormous total attendance of five people, so due to this lack of interest the programs to be conducted by Meredith Guillet and Irving McNeil were cancelled. However the Gallup Chamber of Commerce is going ahead with their conducted tours and have engaged a guide.

RADIO CONTACT: Poor with both Chaco Canyon and the Regional Office.

GENERAL: The grass planted by the Motion Picture Co. made a good showing until this dry spell came along, but if it can survive until our summer rains we will have a fair ground cover even around the base of the Rock. The wiring of the Ranger Cabin was started on May 23rd. Both this job and the painting will be completed before May 31st.

Number of copies of free publication on hand as of the end of May, 1948.

2-fold Spanish edition----------3750
2-fold English edition---------- 540
16-page booklet----------7103

Bates E. Wilson
Bates E. Wilson, Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____, New Mexico

_____ Oct 16, 1948

MEMORANDUM FOR THE Regional Director, Region Three.

There follows a report of activities in El Morro National Monument for the month of Sep, 1948.

Visitors. With only .02 inches of precipitation and high winds each afternoon, this is a poor month for heavy visitation. Regional Interpretive Assistant Mr Haynes and the writer were here 12 days.

Exhibits: Time in different states made the visitors in 71 cars. The best of the investigations are made by 170 people and 3 people arrived for information about trails and the descendants of local people.

Interpretive Service: Data needs were try and specially during the winter months period. The survey for improvement of this highway did not started in Sep 1948., but it is hoped if actual construction will be started this winter. It is unnecessary, however, to put action of survey shown.

Interpretive Activities: On Sep 12th. I attended a dinner and meeting of the Western Area of Dally. Details of plans were outlined for their meeting activities including of personnel showing diversity in contacts with Inspector and activities of Park personnel there in El Morro. Chief Ranger and Chief Ranger in Dally. On Sep 14th. I was scheduled to conduct two classes giving current information about El Morro and Zuni. Both classes were held with up attendance total attendance of 1194 people, so due to this lack of interest the programs to be conducted by Zuni Park Ranger for Zuni Indian Tribal Council were cancelled. Thereby the Dally Chief Ranger of Chamberg is going along with their conducted tours and tour required 2 days.

Life Protection: Not only high water caused out the Regional Office.

Maintenance: The grass planted by the Boulder Plateau Co. made a good showing until this dry spell was along, but it is the entire until our summer rains we will have a fair ground cover when around the base of the mesa. The mixing of the Ranger Cabin has started on Sep 15th. Both main jor and the painting will be completed before Sep 31st.

Number of copies of free publication on hand on or the end of Sep. 1948.

8-Pill Spanish edition----------[illegible]
8-Pill English edition----------[illegible]
16-page booklet----------[illegible]

[illegible]
John S. Wilson, Superintendent

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

MAY 25 48

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of May 1948.

General. Continued dry weather is delaying bean planting and worrying the farmers. This does; however, serve to keep the local residents interested in Gran Quivira's repair and rehabilitation program.

Weather Conditions. Dry and windy. Dust storms have been frequent and the farmers are having a hard time holding their fields. There has been only .15 inches of moisture during the report period, .14 of which fell on May 24. A maximum of 87° was recorded on May 22; a minimum of 34° on May 6.

Special Activities. During the month the custodian completed the work attendant to transfering the Special Use Permit, for tying a stub telephone line onto the NPS spur, from Dean Miller to D. B. Chaney.

Inspections. Architect Saunders was here several hours on May 23 going over the repair and rehabilitation program and advising on completion of the job.

Publicity. Wm. H. Krouse visited and photographed Gran Quivira on May 19. Mr. Krouse is preparing a travelogue on New Mexico.

Maintenance. On the 20th and 21st the new weed burner was unlimbered and the entire mission cleaned up. The burner does a much better and faster job than the hoe and rake method formerly used. Approximately 6 gallons of kerosene will do the entire job.

A new radiator was installed on the Chev. pickup.

A new door jamb was installed in the kitchen door to replace a rotten one. Door jambs are meant to be placed first and the house built around them. Since replacing one runs contrary to this formula, certain difficulties were encountered.

Repair and Rehabilitation. The job of repairing the old residence accounted for most of the custodian's time this month. Repair of walls was completed, a new roof put on and cement floors run. Installation of doors, windows, plumbing and wiring, plus a paint job should about finish the project. The $500 allotted for the work was exhausted early in the month and regular accounts had to be used to carry on the job. Charlie

[illegible]

[illegible]

[illegible]

[illegible] 12

[illegible] for the Regional Director, Pacific Area.

The following is a report of activities of Area Headquarters for the month of May 1946.

General. Continued dry weather is delaying fence clearing and working the pastures. This fence, however, seems to be the least restrictive influence in Corps military's regular and rehabilitation programs.

Equipment Conditions. Dry and windy. Most storms have been frequent and the farmers are having a hard time keeping their fields. There has been only .02 inches of moisture during the reported period, .14 of which fell on May 22. A maximum of 89° was recorded on May 22; a minimum of 34° on May 5.

Special Activities. During the month the Guatelan consulate was assisted in transferring the special [illegible], for flying a sick infant into Guatemala City, from Camp Miller in S. C. Chaney.

Improvements. Additional repairs were have covered house in May to bring over the repair and rehabilitation program and activity on completion of the job.

Visitors. Mr. G. Brown visited and photographed [illegible] on May 14. Mr. Jones is preparing a treatise on the Davies.

Maintenance. On the corn and fish the [illegible] was used during its maintenance and the entire mission cleaned up. The heater [illegible] a most better job. Faster job than the [illegible] and [illegible] 5 gallons of kerosene fill in the entire job.

A gas radiator was installed in the [illegible].

A gas door jamb was installed in the kitchen door to replace a rotten one. Door jamb was built to be placed first and the house built around them. Since replacing one from outside is this formula, certain difficulties were encountered.

Staff and Rehabilitation. The job of operating the all [illegible] accounted for most of the available time this month. Repair of walls was completed, a new roof put on and [illegible] fixes. Installation of [illegible], [illegible] and utility, plus a [illegible] about [illegible] the project. The [illegible] allotted for the work [illegible] in the [illegible] and [illegible] accounts had to be used to carry on the job. Special

Steen aided materially May 10 to 14 by supplying his services and a cement mixer for running the floors.

Necessary material has been purchased for wiring the building and for roughing-in the rest room plumbing. The plumbing rough-in is held up pending delivery of the fixtures obtained from War Assets at Bruns Hospital.

Approaches to the Monument. The 8½ miles of new oiled road from Mountainair was completed early in the month. The remainder of the road suffers from lack of maintenance.

The Carrizozo approach continues to blow full of sand periodically. This does not hinder local residents too much, but invariably catches a visitor unversed in sand traps.

Interpretive Service. 42 parties totalling 144 people were guided through the ruins. Average trip time 44 minutes.

Increase or Decrease in Travel. The number of cars entering the Monument this month was exactly that of a year ago; however, there were fewer passengers. Travel for the year remains below that of last year.

	CARS	VISITORS
May 1948	66	194
May 1947	66	223
Decrease	0	29
Percent Decrease	0	13
This Travel Year	293	850
Last Travel Year	351	1177
Decrease	58	327
Precent Decrease	16.5	27.7

Visitors.

Archaeologist Steen, Regional Office, May 10-14
Architect & Mrs. Saunders, Regional Office, May 23
Wm H. Krouse, Travelogues, Glassboro, N.J. May 19.

William L. Bowen,
Custodian.

On the afternoon of May 25 a group of 13 Girl Scouts under the leadership of Mrs. Margaret McDowell of Hot Springs visited the Monument. The girls of Troop 1 Hot Springs had as their guests 8 members of the Senior Scouts of Mexico City. They plan to visit Mesa Verde, Grand Canyon and intermediate points. Mrs. McDowell is the sister of Asst. Supt. Lon Garrison of Grand Canyon.

from wind activity day 1/ to 14 by adjusting his surplus and a weak order for meeting the figure.

Necessary repairs has been performed for giving the building. Up for rewiring-is the that this lighting. The planning work-is 8/02 by paying delivery of the fixtures obtained from the waste at Frank Dwelling.

<u>Attention to the Economy.</u> The 8/ also of day wind road from Investigator has supplied safty in the waste. The remainder of the wind matter from lack of ministrator.

The Tarlowe repaired windows to blow full 8/ and principally. This does act clean local residents too much, but inventorist without a visits supplied 8 and trick.

<u>Inspection Service.</u> At parts installing the waste was paid through the bills. Average bill from 8/ alpha.

<u>Letter to Director in Detail.</u> The number of tons salvaging the waste work was exactly this of a part age inverter. Items was from ministry. Total for the yard charge bills lack of last year.

Apr 1943	10	104
May 1943	8	[illegible]
Average	9	[illegible]
Yearly Average	9	11

This Yearly Year	[illegible]	[illegible]
Last Yearly Year	[illegible]	[illegible]
Average	[illegible]	[illegible]
Yearly Average	[illegible]	[illegible]

<u>Visitors.</u>

Representative Dawn, Yearly Office, Mr 10-14
Assistant Mrs. Vandere, Engineer Office, Mr 20
Mr B. Frank, Investigator, Alexander, 4.4. Mr 14.

William L. Brown,
Superintendent.

In the afternoon of May 23 a group of 12 East Country women the Investigator of Mr. Harvey's Department of Art visited the Museum. The girls at Dawn Lake Village had an their power 7 members of the Junior Center of Dexter City. They visit to visit Dawn Lake, Grand Rapids and inter-mediate points. Mrs. McDowell is the director of work. Mr. Henderson of Grand Rapids.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO.

May 27, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for May, 1948.

WEATHER. Most unusual for this time of the year. All cottonwoods and aspen have leafed out, but the grass has not yet turned green. An excessive amount of moisture continues to fall and this in turn has nearly flooded the San Luis Valley. All crops are retarded and there is little prospect for a bumper potato crop.

The Medano is running very high and continues along the eastern edge of the sand dunes as far as the eye can see. Local people make special trips out to see the "disappearing river" which is not living up to its name as was the case last year.

The Farmer-Union Dam is causing much concern as the spill-ways are open and there is the danger of the entire dam going out. The National Guard of Monte Vista was called out to strengthen a dike which protects that town. Vigil is being kept at all bridges crossing the Rio Grande, and the Rio Grande Railroad has a special train on the east side of their railroad bridge in case of flood and the bridge should be damaged or swept away.

A minimum of 27 degrees registered on May 11. The maximum of 80 was reached on May 16.

Snow fell on May 3,9,10,11 and 12. Rain fell on May 17,18,19,20,24 and 25.

There were 16 partly cloudy days, 9 cloudy, 5 clear and 9 days of intense winds.

Snow still covers the Sangre de Cristo Range.

TRAVEL. One thousand two hundred and eleven visitors in two hundred seventy cars visited the Sand Dunes during this report period. Eighteen states were represented. Seven hundred six people took advantage of the

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
YOSEMITE NATIONAL MONUMENT
[illegible]

July 27, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Yosemite National Monument for July, 1948.

WEATHER. Most unusual for this time of the year. All watercourses and springs have leveled out, but the grass has not yet turned green. An excessive amount of moisture continues to fall and this is even has nearly flooded the Owens Valley. All crops are doubled and there is little prospect for a bumper potato crop.

The Kaweah is running very high and continues along the western edge of the meadows as far as the eye can see. Good people made special trips out to see the "disappearing river" which is not living up to its name as was the case last year.

The Fresno-Dinkey Dam is causing much concern as the spill-ways are open and there is the danger of the entire dam going out. The National Guard of Santa Ynez was called out to strengthen a dike which protects that town. Visit is being kept at all bridges crossing the Kings Kaweah and the Big Creek Ranger has a special train on the west side of their railroad bridge in case of flood and the bridge should be damaged or swept away.

A maximum of 27 degrees registered on July 11. The minimum of 37 was reached on July 12.

Dews fell on May 2,4,10,11 and 12. Rain fell on May 17,18,19,20,24 and 26.

There were 16 partly cloudy days, 4 cloudy, 8 clear and 3 days of intense winds.

Hay will cover the camps in Grizzly Camp.

<u>VISITS</u>. One thousand two hundred and eleven visitors in the Ranger Service were visited the Wawona Ranger this report period. Eighteen states were represented. Forty hundred six people took advantage of the

picnic areas and of these, two brave souls camped overnight.

INCREASE IN TRAVEL. Travel is still increasing and reaching a new high for this area. For May, 1947, there were 199 cars and 1065 visitors.

ROADS. The State graded the approach road on April 30 and May 17. The past week has seen much damage done to this road as the water has overflowed ditches and made many long stretches of water, often seeming impassable to those not familiar with the road. The state sent out bull-dozers in an attempt to divert the water and save the road from becoming badly washed and rutted. It was learned at the Heide Garage at Mosca, that he had several calls to bring his tow-truck and extract visitors from their wet, muddy resting place.

The monument road is in excellent condition, with the exception of the road leading to the lower picnic area.

N.P.S. VISITORS. On April 28, Ranger Paul Steel of White Sands National Monument delivered the house trailor, which is now reposing in the headquarter parking area. On May 10, John Davis and John Kell paid a too short visit. On May 18, Kenneth Saunders and wife, came to give the final inspection on the furnace installation.

NEWSWORTHY VISITORS. The Canyon City Trail and Saddle Club and the Alamosa Riding Club with 230 people in attendance brought out 110 horses in trucks. The Western State Geology Class on a field trip with 25 in the group. The Hooper School with a group of 76; La Jara School with 18; and the Mosca School with 20 in the group.

ACTIVITIES. Usual routine duties of hauling gasoline, wood, ashes and garbage. Office matters were kept current.

With the increase in visitor usage, the merry-go-round has started up again in a vain attempt to keep the picnic areas and comfort stations clean. Kleenix rides again!

The house and basement were finally cleared of cement and cement dust. The oil stoves were removed from basement and front hall. The hole where stove pipe entered chimmey in the front hall was plastered up. The office also received a thorough clean up job. The electric wall receptacles which were burnt out were replaced with new ones.

Debris was cleaned out of the drains at garage, parking area and front yard. Installed a new water line for visitor use at headquarters. Repaired all garden hoses. Sealed the eight outside vigas of residence with cellulose fiber filler and gave all a coat of linseed oil.

Checked the entire south boundary fence and posted new boundary signs along entire length.

picnic areas and of trees, has been quite badly overdone.

INCREASE IN TRAFFIC. Travel is still increasing and reaching a new high for this area. For May, 1947, there were 177 cars and 1000 visitors.

ROAD. The state graded the approach road on April 20 and May 12. The past year has been much damage done to this road as the water has overflowed ditches and made many long stretches of water, often making impassable to those not familiar with the road. The state must put bull-dozers in to attempt to divert the water and save the road from becoming badly washed and rutted. It was learned at the Sixth District at noon, that to had natural cells to bring his bu-tracks and attempt relating full thirty mi. daily patrol place.

The souvenirs road is in excellent condition, with the exception of the road leading to the lower picnic area.

P.T.A. MEETING. On April 28, Sunday Paul Stahl of Wells Bros Building Material delivered the house trailer, which is now reposing in the Ranger quarter parking area. On May 10, Jack Davis had from Hell pit a bus about visit. On May 12, Kenneth Proctors and wife, came to give the final inspection on the Trailer Installation.

SUPERVISOR VISITED. The Jackson City Fred and Bobbie Club and the Alamosa Hiking Club with 120 people in attendance brought out 110 horses in trucks. The Western State Geology Class on a field trip with 15 in the group. The Sawyer School with a group of 35; Lo Jain School with 18; and the Ohio School with 20 in the group.

ACTIVITIES. Usual routine detail of hauling garbage, wood, water and garbage. Office duties were kept current.

With the increase in visitor usage, the worry-go-round has started up again in a vain attempt to keep the picnic areas and comfort stations clean. Always time again!

The house and basement were finally cleared of gravel and coarse dust. The all stored here removed from basement and front hall. The hole where stove pipe entered chimney in the front hall was plastered up. The office also received a thorough clean up. The electric wall receptacles which were burnt out were replaced with new ones.

Debris was cleaned out of the bushes at garage, parking area and front yard. Installed a new water line for visitor use at headquarters. Repaired all garden hoses. Treated the eight outside signs if restrooms with calibane Tiger Killer and gave all a coat of Linseed oil.

Cleaned the entire south boundary fence and painted new boundary signs along entire length.

Put up the junction sign for the Blanco road turnoff.

Checked and put into shape all fire tools.

Checked and changed oil in both light plants.

Replaced the master cylinder for brakes on the Dodge 4x2 and had tail-gate welded on.

Purchased paint for walls and floors of residence. Sent out bids for automatic hot water heater.

WILDLIFE. Many deer are to be seen just east of residence and along the woody section of south monument boundary. Our two eagles are back to spend the summer.

Wood tick season is in full swing and visitors are warned to watch for them. We are taking our spotted-fever vaccine shots. Gnats and mosquitos are also getting thick.

PROJECTS FOR ENSUING MONTH. Paint interior residence as time permits; wait for installation of toilets in headquarter public restrooms; repair the generator on the Dodge 4x2, if possible; and continue contact with visitors on Sundays.

Ted C. Sowers,
Custodian.

Yes on the Junction sign for the Disney road herself.

Dammed and jut like ships all five boats.

Dammed and changed all in this light place.

Replaced the water spillway for broken in the Dodge car and had tail-gate nailed on.

Proposed plans for safety and floors of residence. Took out bill for mechanical lot water heater.

Climate. Very deer are to be seen just east of residence and along the woody section of south movement boundary. Our the eagles are back to guard the square.

Good time season is in full swing and visitors are served by waiting for them. We are holding our elevated-fence practice plots. Snake and mosquitos are also putting bites.

Problems for Service Study. Point interpretive problems as time permits; early for installation of boiler is inadequate public restrooms; repair the parkway on the Dodge lot, if possible; and continue contact with visitors on Sundays.

Yes S. Jones,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

May 24, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report for Montezuma Castle National Monument for the month of May, 1948.

Visitors this month to Castle and Well - 2547; this travel year to date, 13,324. The travel count at Montezuma Well covers only 15 days since Archaeologist Schroeder was occupied with other duties the rest of the month.

Administration Increased visitor travel and administrative duties have kept us very busy this month. Six to seven hours spent each day on visitor contact leaves little time for anything else. Archaeologist Schroeder was moved to the Well on April 28 and 29. A qualified veteran has at last been lined up for our temporary ranger job and is due to report June 8. The application of W. Wayne Boyle was rejected because he is not a veteran.

The increase of 200 franked mailings allowed all monuments will permit us to complete the fiscal year within our quota.

The leased medow land at Montezuma Well has produced a good crop of forage and the fields are usually dotted with grazing cattle.

Special On May 13, 10:03 P. M. a baby daughter, Christine Ann, 7 lbs. 1 Oz. joined the Schroeder family at the Well. Very considerately she made her approaching arrival known while Mrs. Schroeder was making a routine visit to the hospital.

Weather Unusually cool weather with no moisture has prevailed throughout the month. The maximum temperature was 98 degrees on May 16 and the minimum was 30 degrees on April 24.

Visitors Several bus loads of school children have visited the ruins and picnicked on the area.

On May 2 the Verde Valley Pioneer Association held their semi-annual picnic at the Well. About 200 attended.

There were 1861 visitors to Montezuma Castle and 686 to the Well. Cars counted at the Castle, 619; at Montezuma Well, 221. Tickets sold at the Castle, 530; tax but no ticket, 67; children admitted free, 36; visitors admitted by waiver, 3.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Mesa Verde National Monument
Cortez, Colorado

May 31, 1961.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report for Mesa Verde National Monument for the month of May, 1961.

Visitors this month to Cliff Palace and Spruce Tree Houses were 12,234. The travel count at Balcony House was only 13 days since Independence Sunrise was occupied with other duties the rest of the month.

Administration. Seasonal visitor travel and administrative duties have kept us very busy this month. Six to seven hours each day on visitor contact leaves little time for anything else. Interpretive Ranger was moved to the Park on April 23 and Ranger Schenck was at last been lined up for our temporary ranger job and is due to report June 5. The application of T. Alpine Tuft was selected because he is not a veteran.

The increase of 500 Crested Antelope allowed all movement will permit us to complete the fiscal year within our quota.

The Island Lake Dam at Morefield Well has produced a good crop of frogs and the fields are normally dotted with grazing cattle.

Special. On May 13, 12:00 P. M. a baby daughter, Christine Ann, 7 lbs. 3 oz. joined the Fabrosky family at the Park. They unfortunately did make the approaching arrival known while Mr. Fabrosky was making a routine visit to the hospital.

Weather. Generally cool weather with no moisture has prevailed throughout the month. The maximum temperature was 77 degrees on May 12 and the minimum was 20 degrees on April 24.

Injuries. Several dog bites of school children have alerted the rabies and placed on the area.

On May 2 the Verde Valley Pioneer Association held their semi-annual picnic at the Park. About 200 attended.

There were 1021 visitors to Mesa Verde Park and 24 to the Park. Cars counted at the Cortez, 8121 at Morefield Well, 21. Visitors pass at the Cortez, 282; tax but no ticket, 17; children admitted free, 32; visitors admitted by waiver, 2.

On May 17 Milo B. Wible, an 86 year-old visitor who couldn't see very well insisted on making the Castle trip against the advice of his son, daughter-in-law, and the custodian.

Contacts Total contact hours, 194: Hastings, 100; Leding, 84; Schroeder 10 at the Castle. One hundred and sixty trips were made through the Castle for 636 visitors and 727 visitors were counted in the museum in 140 groups. 516 visitors received information outside the ruins or museum.

Protection Our annual battle with bats is the Castle has been resumed. Their droppings must be swept up and removed from the inside ladders frequently. On two different occasions visitors have commented that the Castle has an odor like Casa Grande.

The portable "Closed" sign used at our entrance gate disappeared May 16. Time and materials needed to replace it are estimated at about ten dollars.

Schroeder repaired about 100 feet of fence at the northwest corner of the Montezuma Well property.

Fire Protection Dry foxtail in the creek bottom is again presenting a hazard. A 4-gallon decontaminating unit that is being used as a fire extinguisher was chained and padlocked to a tree near the visitor register where it will be handy for use.

Repairs and Construction Painting the interior of the residence at Montezuma Well was completed April 26 and the outside of the house has been given a prime coat except for facings around doors and windows. Wherever the interior of the Montezuma Well museum will not be covered by cases, the walls have been painted.

On May 20 E. G. Broughton, Cottonwood contractor, started to remove the old roof from Residence No. 2 and replace it with a new roof. A layer of earth used for insulation and varying from 4 to 8 inches in thickness has been removed from the old roof. This made a total weight of about 13 tons and the roof had sagged so much that deep pools of water would collect after a rain. The earth is being replaced by Kimsul, a treated wood fiber insulation. This is being covered by framing and a built-up roof.

Interpretation Mimeographed sheets and some very attractive covers for our Sycamore Trail pamphlets have been received. Three transplanted specimens at numbered markers on the trail have been kept alive through the month by carrying water to them.

New guide leaflets for the trail at Montezuma Well have not been received although they have been on order since early in February. Consequently we have had no interpretive facilities to offer at Montezuma Well. We were informed some time ago that the sticker used in making the leaflets had broken down and we are anxiously awaiting its repair because we need the leaflets.

On May 17 with 5- kicks, an 80 year-old visitor who couldn't see very well insisted on making the Castle try against the advice of his son, daughter-in-law, and the mediator.

Statistics: Total contact hours, 172; Meetings, 100; Lectures, 54; Interview 18 at the Castle. The Tunnel and alcoves were made through the Castle for 222 visitors and 127 visitors were guided to the rooms in 180 groups. 111 visitors received information outside the rooms or caves.

Protection: Our annual battle with bats in the Castle has been resumed. Their droppings must be swept up and removed from the Indian Ladders frequently. On the different occasions certain men reported that the Castle has an only 12th Dam trouble.

The portable "Tunnel" also used at our previous gate discovered May 18. Time and materials needed to replace it are estimated at about ten dollars.

Interior requires about 100 feet of fence at the northwest corner of the Pentagon Hall property.

Fire Protection: Dry Rotall in the front bottom is again presenting a hazard. A function description with that is being used as a fire extinguisher was obtained and painted in a form that the visitor regulator when it will be handy for use.

Repairs and Construction: Relating the interior of the residence at Bluestone Hall was completed April 20 and the outside of the house has been given a fresh coat except for finishing around doors and windows. Whenever the interior of the Bluestone Hall museum will not be repaired by means, the walls have been painted.

On May 20 G. G. Brooking, Professional contractor, started to remove the old roof from Bluestone Hall and replace it with a new roof. A layer of strong paper for insulation and weights from 1 to 2 inches in thickness has been removed from the old roof. This made a total weight of about 12 tons and the roof had sagged so much that deep pools of water would collect after a rain. The work is being replaced by Kiewel, a treated wood fiber insulation. This is being covered to provide not a building roof.

Interpretation: Stereopticon photos and some very attractive covers for Bluestone Hall pamphlets have been received. These transparencies contained at Bluestone Hall have been kept alive through the work by applying water to them.

The guide leaflets for the Hall at Bluestone Hall have not been received although they have been in order since early in February. Consequently we have had no interpretive facilities to offer at Bluestone Hall. We were informed some time ago that the stamps used in making the leaflets had become rare and we are seriously wondering the wisdom of using the leaflets.

Exhibits have been planned and lumber purchased for cases in the Montezuma Well museum.

Supplies and Equipment A worn out Grunow refrigerator was transferred to Grand Canyon and from Walnut Canyon we received 20 rolls of Kimsul insulation.

Research On May 15 the Museum of Northern Arizona sponsored the investigation of Montezuma Well by a diver, H. J. Charbonneau of Flagstaff. The depth of the Well as 55 feet was confirmed and the inlet was not located. Numerous leeches were encountered below a depth of 30 feet. A complete report of this was submitted separately.

Fauna On May 17 a diamond backed rattle snake was caught on the visitor trail and another near Residence No. 2 on May 21.

National Park Service Visitors Engineers Edward S. Zimmer, Director's Office and Charles D. Carter, Regional Office were here April 29. Mr. Carter made his first trip through the Castle since the catwalks were installed in 1939.

Gordon Vivian arrived the night of May 12 to study completed and needed stabilization at the Castle and the Well.

Custodian Jackson and family arrived May 12 to spend several days fishing and vacationing in the Verde Valley.

Assistant Superintendent Lon Garrison and family from Grand Canyon camped over night on our picnic ground on May 20. Ranger Moore and family were also here from Grand Canyon on May 20.

Dr. Erik Reed visited Montezuma Castle and the Well on May 19 to discuss museum exhibit plans.

In triplicate.

Homer F. Hastings,
Custodian.

Exhibits have been planned and labor provided for work in the museum this season.

Supplies and Equipment. A very not known reflectorite was transferred to Great Lakes and from Saint Louis on receipt of bills of lading transfer.

Research. On day 15 the teams of Brothers Gibson prospected the interpretive or Bastionne Hill by a drive, 4. 4. Shortcomes of Flagstaff. The depth of the Hill is 23 feet was surveyed and the total was not limited. Fourteen Indian were recovered below a depth of 20 feet. A complete report of this was submitted separately.

Tours. On May 17 a steamer loaded parties which our insight on the station hill and another over Saint Ignace 24, 2 on May 23.

National Park Service Visitors. Superintendent Edward L. Zimmer, Director's Office and Director E. Oliver, National Office were here April 24. Dr. Carter made his first trip through the Castle since the museum were installed in 1929.

Gordon Tolan arrived the night of May 12 to study complaint and needed stabilization on the Castle and the Hill.

Catalina Jackson and family arrived May 12 to spend several days fishing and sightseeing in the Straits Hills.

Distinguished Visitors. Lee Overtree and family from Great Lakes spent two nights on our islands around on May 20. Superintendent and family were also here from Great Lakes on May 22.

Dr. Fritz Hess visited Bastionne Hill on the Hill on May 22 to discuss museum exhibit plans.

Respectfully,

Bruce A. Hawkins,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Natural Bridges
NATIONAL MONUMENT
Blanding, Utah

May 29, 48
19

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of May, 1948:

GENERAL: The State maintenance crew opened the approach road to the monument on May 8th. Several wet spots along the route made travel hazardous. The road was again graded on May 18th and it is now in good shape.

RANGER SERVICE: John Wiley Redd of Blanding, Utah entered on duty as temporary ranger on May 17th and opened the area for the season.

TRAVEL: A total of 15 cars and 30 people visited the area from May 8th to May 22nd.

ROADS: The portion of the approach road in the monument is rough and it is hoped that sufficient shale can be hauled in the near future to place this in good shape.

TRAILS: A portion of the trail between Kachina Bridge and headquarters has been badly washed out and the balance of the trail needs considerat work. To date we have been unable to hire a laborer to make the necess repairs but hope this can be accomplished by July 1st.

Russell L. Mahan

Russell L. Mahan
Acting Custodian

(in trip.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Mount Baldy
NATIONAL MONUMENT
Blanding, Utah

May 20, 19 63

Memorandum for the Regional Director, Region Three:

The following is a narrative report for Mount Baldy National Monument for the month of May, 1963:

WEATHER: The Baldy weatherman was spared the expense and trouble of an May 4th. Normal and warm along his route and travel hazardous. The usual air sports graced on May 12th and it is now in good shape.

MAINTENANCE: Other than that of Blanding, Utah entered on duty as Maintenance Helper on May 13th and spended the area for the month.

VISITORS: A total of 14 men and 20 people visited the area from May 4th to May 31st.

ROADS: The portion of the approach road in the monument is rough and it is hoped that sufficient funds can be budged in the near future to place this in good shape.

TRAILS: A portion of the trail between Blanding Bridge and Dandypoint has been badly washed out and the balance of the trail needs considerable work. It does not have been usable in 1963 however to make the newer trailers and large ride was be accomplished by only 1st.

Robert E. Baker
Park Ranger

(In brief)

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

May 25, 1948

MEMORANDUM for the Regional Director, Region Three

There follows the narrative report of activities in this area for the month of May 1948.

VISITORS: Only 26 visitors reached this area in 10 cars.
N.P.S. Visitors--Gordon Vivian of the Chaco Canyon Stabilization Unit on the 8th and 9th.

WEATHER: Exceedingly dry and dusty with high winds on the 7th, 18th and 19th--only a trace of precipitation recorded on the 18th. Maximum temperature 86 degrees on the 16th, minimum temperature 30 degrees on the 1st.

ROADS: The bad condition of outlying roads is responsible for the light travel to this area. Dust storms, high winds and blown sand have discouraged some visitors. On several days the sand storms were such that cars travelling between Tonalea and Kayenta were using their headlights at noon. A number of cars were stalled overnite near White Mesa wash and remained there until the USIS Road Patrol removed the dunes. The road between Shonto and Betatakin is in better condition than any of the roads in the surrounding area.

ROADSIDE DIRECTIONAL SIGNS: A large two-post four panel road sign was erected at the Rainbow Bridge fork of the Tuba City--Kayenta road. The legend emphasizes the fork North for Rainbow Bridge and Inscription House and East for Navajo National Monument Headquarters or Monument Valley.

The two-post sign in Shonto and all signs at the headquarters area were repainted and relettered. The Register Sign was remounted as well as repainted.

A new single post sign was placed at the approach to Littlesalt Canyon indicating Betatakin two miles.

WATER WORKS: Gordon Vivian helped us diagnose our pumping troubles on the 9th. With Gordon in the tunnel and us at the power house we were able to blame our failure on the motor. On the 16th we placed the standby motor into service and have been pumping efficiently since that date. Today we are packing the faulty motor out of the canyon.

We are rehabilitating the 5000 Watt D.C LeRoi plant transfered from Walnut Canyon National Monument. We will press it into service while the Climax undergoes a complete overhaul.

[illegible]
[illegible]

May 26, 1940

MEMORANDUM for the Regional Director, Region Three

There follows the narrative report of activities in this area for the month of May 1940.

VISITORS: Only 24 visitors remained this area in 12 cars.
[illegible] Visitors--Jordan Vivian of the Ghost Canyon Stabilization Unit on the 8th and 9th.

WEATHER: Unseasonably dry and dusty with high winds on the 7th, 12th and 19th--only a trace of precipitation received on the 12th. Maximum temperature 92 degrees on the 17th, minimum temperature 30 degrees on the 1st.

ROADS: The bad condition of existing roads is responsible for the LITTLE travel to this area. Dust storms, dry wells and flood waters have discouraged some visitors. On several days the sand storms were such that cars travelling between Tucson and Ayrshire were using their headlights at noon. A number of cars were stalled overnite near Cotton Boss and remained there until the 17th Road patrol removed the sands. The road between Ajirbo and Stafstein is in better condition than any of the roads in the surrounding area.

MORGAN DIRECTIONAL SIGNS: A large two-pole four panel road sign was erected at the Barlow Bridge just of the Tucson City-Saguaro road. The legend emphasizes the York Dorth for Falcons Bright and Interpretive Home and Dam for Navajo National Monument Headquarters or Monument Valley.

The two-pole sign in Ajirbo and all signs at the headquarters area were repainted and relettered. The Saguaro sign was remounted as well as repainted.

A new single post sign was placed at the approach to Littlewalt Canyon indicating Saguaro two miles.

WATER WORK: Jordan Vivian helped us diagnose our pumping troubles on the 9th. Mike Gordon in the tunnel and we at the power house so were able to blame our failure on the motor. In the 1938-39 placed the standby motor into service and have been pumping efficiently since that date. Today we are pulling the faulty motor out of the engine.

We are rehabilitating the 5000 Watt D.C. Lodal plant transferred from Walnut Canyon National Monument. We will press it into service while the Ottawa undergoes a complete overhaul.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

May 25, 1948

page 2

WORKS PROGRESS: After putting 500 gallons of gasoline into the converted water tank (at 11 P.M.) and observing no loss of gasoline after four days--we filled the excavation and re-covered the tank.

MAINTENANCE: The road to Sho to was dragged twice.

The contact station was cleaned up thoroly and additional artifacts were placed on display as we reorganized part of the miscellaneous uncatalogued collection.

Two picnic tables were re-dyed and insect-proofed.

A new cylinder-head gasket was installed on the in-service Kohler on the 6th.

Kitchen and Service porch walls were washed.

The lawn in the patio was turned over and re-seeded.

Files, correspondence and fiscal matters are current.

GENERAL: With things pretty well caught up around the headquarters area we are going to concentrate on rebuilding the badly eroded foot trail to Betatakin.

If material is available we hope to get the telescopes set up before our next report.

J.W. Brewer, Jr.,
Custodian

[illegible] ARTIFICIAL [illegible]
[illegible], [illegible]

May 28, 1[illegible]

Page 2

WATER PURIFICATION: After pouring 600 gallons of gasoline into the corrugated water tank (at 11 P.M.) and observing no loss of gasoline after four days--we filled the evaporator and re-covered the tank.

PLUMBING: The road to Sun to was frozen twice.
The central station was cleaned up thoroughly and additional articles were placed on display as we requested just at the disappearance unexplained collection.
Two plastic tables were re-dyed and insect-treated.
A new cylinder-head heater was installed on the in-service boiler or the 7th.
Urinals and lavatory porcelain were washed.
The lawn in the yards as usual grew and re-seeded.
Files, correspondence and fiscal matters are current.

GENERAL: Mrs. Shiers pretty well recovered by around the headquarters area we are doing 3d construction or rehabilitation the badly crushed lock trail to Matsaiko.
If material is available we hope to get the balcony set up before our next report.

Jas. Fraser, Jr.
Lieutenant.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 38, Ajo, Arizona

May 25, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of May, 1948.

Weather

The maximum temperature for May was 103 on May 16 and the minimum of 41 occurred on May 3 and 20. No precipitation occurred and relatively clear skies prevailed for the entire month.

Travel

Out-of-state travel has fallen to very little but occasional stop-over of international travel occurs.

General

Most of the time was spent with maintenance and rehabilitation work including work on the water tank and Quonset.

1948 grazing fees were collected from the Grays and remitted.

The custodian made one trip to Tucson for supplies. One trip was made to Coolidge for equipment worked on in the shop.

A call was made on Father Regis at Ajo for information about the Papagos.

Roads

Two flush coats of oil have been made along the Sonoyta highway. Many disgruntled people have complained about the methods of spreading free oil over the entire width of the road. The oil splashed on all cars traveling through the monument for at least two days after each application. A sand coat on top the oil was used outside the monument to prevent the splashing.

Personnel

Ranger Bean returned to duty from Saguaro on April 29.

Organ Pipe Cactus National Monument

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 12, Ajo, Arizona

May 12 1940

Superintendent for the Colorado Desert, Indio Area.

Here follows a report of activities for Organ Pipe Cactus National Monument for the month of May, 1940.

Weather

The maximum temperature for May was 109 on May 31 and the minimum of 41 occurred on May 8 and 30. No precipitation occurred and relatively clear skies prevailed for the entire month.

Travel

Out-of-state travel has fallen to very little but occasional stop-over of international travel occurs.

Repairs

Most of the time was spent with maintenance and rehabilitation work including work on the water tank and Quonset.

1340 gravel feet were collected from the Gravel and crushed.

The usual bi-monthly trip to Tucson for supplies. The trip was made to Coolidge for equipment moved in the area.

A call was made on Father Lopez at Ajo for information about the Papago.

Roads

Two flat cars of oil have been made along the Ajo-Pipe highway. Many disgruntled people have complained about the nuisance of spreading five oil over the entire width of the road. The oil splashed on all cars travelling through the monument for at least two days after each application. A road coat on top the oil are used outside the monument to prevent the splashing.

Personnel

Ranger Jess returned to duty from leave on April 21.

Organ Pipe Cactus National Monument

Wildlife

Antelope have moved in on the east side of the monument and have been seen on the mountain area known as Bull Pasture.

Insects

A caterpillar infestation has taken place on the palo verde and small vegetation. Damage is unknown yet.

William R. Supernaugh,
Custodian.

Wildlife

Antelope have moved in on the east side of the monument and have been seen on the mountain area known as Bull Pasture.

Insects

A cursorpillar infestation has taken place on the pale verde and small vegetation. Damage is unknown yet.

William C. Ingersoll,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

SAGUARO NATIONAL MONUMENT
Tucson, Arizona

May 26, 1948.

MEMORANDUM for the Director,
Region Three.

There follows the monthly narrative report of activities at Saguaro National Monument for the month of May, 1948.

General

The weather was moderate during the early part of the month, with rising temperatures about the middle of the month. May 13, marked the turning point with a maximum temperature of 101 degrees at headquarters. With the advent of warmer weather, there has been a perceptible drop in visitor travel.

Many of the Saguaros are now in bloom as well as other species of cacti, the chollas are at their zenith for beauty at this time.

Special Activities

During the period May 3, through May 5, Mr. E. Zimmer of the Directors Office, Mr. Charles Carter of the Regional Office and Mr. Jack Brannon of the Public Roads Administration, made a reconnaissance survey of a proposed road within the monument.

Assistant Regional Forester H. M. Ratcliff was at Saguaro during the period May 27 to May 29, in connection with the fire protection program for the ensuing season.

Maintenance

The trail crew is still employed in relocating and repairing the upper part of the Madrona-Grass Shack Trail. Many tons of rock have been removed in order to establish a proper tread, and make it safer for pack trains. On May 21, we were able to hire three additional laborers for trail work and expect to utilize their services from a base at Grass Shack.

Interpretive Service

We have not been able to devote as much time with visitors as formerly, due to the necessary preparations for the coming fire season. However an effort is made to be available over the week ends, when we usually have a considerable influx of visitors.

C O P Y

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

SAGUARO NATIONAL MONUMENT
Tucson, Arizona

May 24, 1941.

MEMORANDUM for the Director,
Region Four.

There follows the monthly narrative report of activities at Saguaro National Monument for the month of May, 1941.

General

The weather was moderate during the early part of the month, with rising temperatures about the middle of the month. May 11, marked the turning point with a maximum temperature of 101 degrees at headquarters. With the advent of warmer weather, there has been a perceptible drop in visitor travel.

Many of the saguaros are now in bloom as well as other species of cacti, the cholla are at their peak for beauty at this time.

Special Activities

During the period May 2, through May 9, Mr. E. Lamar of the Directors Office, Mr. Charles Carter of the Regional Office and Mr. Jack Brannon of the Public Roads Administration, made a preliminary survey of a proposed road within the monument.

Assistant Regional Forester T. W. Lathiff was at Saguaro during the period May 27 to May 29, in connection with the fire protection program for the coming season.

Maintenance

The trail crew is still employed in relocating and repairing the upper part of the Bajada-Grass Shack Trail. Many tons of rock have been removed in order to establish a proper tread, and make it safer for pack trains. On May 27, we were able to hire three additional laborers for trail work and expect to utilize their services from a base at Grass Shack.

Interpretive Service

We have not been able to devote as much time with visitors as formerly, due to the necessary preparations for the coming fire season. However an effort is made to be available over the week ends, when we usually have a considerable number of visitors.

Travel

A total of 1,375 persons visited Saguaro during the month. Thirty states were represented and Washington D.C., together with visitors from Hawaii, Canada and Mexico. This is a decrease of 735 persons or approximately 35% less than last month.

Interpretive Service

A total of 432 persons in 136 parties were given interpretive service at headquarters. This amounted to 34 hours for an average of 15 minutes per party.

Forest Protection

Ranger Wilde and Fire Control Aid Newell Bundy, distributed supplies and equipment to the various secondary lookouts during the first week of May. The telephone lines are in working order and the various patrol trails have been cleared of logs.

On May 20, the custodian met with Captain V. J. Zielinski, Post Adjutant, Davis-Monthan Air Base, to discuss the recruitment of personnel in case of forest fires on Saguaro National Monument. Captain Zielinski was most cooperative and agreed to release men for fire suppression duty, whenever their services were needed. They have a duty officer available at all times at their headquarters, who will dispatch the men, when a request is made from this office.

Conditions in the forested area are extremely dry at this time. On May 8, the fire danger percent reached 77, for a classification of "High". Regular daily radio contact has been established with Organ Pipe National Monument and Chiricahua National Monument.

The U. S. Forest Service reported a fire on the Coronado National Forest, on May 17, amounting to 75 acres.

Wildlife

On May 17, Mr. and Mrs. H. T. Lester local residents, observed a mountain lion about one mile south of our headquarters, and not more than seventy five feet from the road. Mr. Lester is a long time resident of this vicinity and I have no doubt but what his observation was correct.

Travel

A total of 1,272 persons visited Yosemite during the month. Thirty states were represented and twenty-five [illegible], together with visitors from Hawaii, Canada and Mexico. This is a decrease of 728 persons or approximately 36% less than last month.

Interpretive Service

A total of 612 persons in 164 parties were given interpretive service at headquarters. This amounted to 84 hours for an average of 16 minutes per party.

Forest Protection

Ranger Wilde and Fire Control Aid Howell Smith, distributed supplies and equipment to the various secondary lookouts during the first week of May. The telephone lines are in working order and the various patrol trails have been cleared of logs.

On May 20, the evacuation met with Captain W. G. Hilliard, Post Adjutant, Davis-Monthan Air Base, to discuss the recruitment of personnel in case of forest fire on Yosemite National Monument. Captain Hilliard was most cooperative and agreed to release men for fire suppression duty, whenever their services were needed. They have a duty officer available at all times at their headquarters, who will dispatch the men, when a request is made from this office.

Conditions in the forested area are extremely dry at this time. On May 3, the fire danger percent reached 77, for a classification of "High". Regular daily radio contact has been established with Sequoia Kings National Monument and Kings Canyon National Monument.

The U. S. Forest Service reported a fire on the Sierra National Forest, on May 17, amounting to 75 acres.

Wildlife

On May 17, Mr. and Mrs. W. T. Lester Land reported, observed a mountain lion about one mile south of our headquarters, and not more than seventy five feet from the road. Mr. Lester is a [illegible] time resident of this vicinity and I have no doubt but that his observation was correct.

Construction

The barn roof at Madrona Ranger Station was completely repaired on May 18, under terms of the contract with the Tucson Roofing and Supply.

Visitors

Dr. Kearns and Dr. Phillips of the Botany Department, University of Arizona, visited Saguaro on May 9.

Mr. Edwin McPhaul, Assistant Supervisor, Coronado National Forest, May 16.

William Supernaugh, Custodian, Organ Pipe National Monument, May 18.

Mr Joseph Muench, noted photographer, taking photographs of flowering saguaros, May 12.

Ranger Service

Park Ranger Marvin Frost, was terminated on May 5, his services have been sorely missed since that date, as he did an excellent job in the interpretive program.

/s/ Samuel A. King
Samuel A. King
Custodian

C O P Y

Construction

The barn roof at Hardtons Ranger Station was completely repaired on May 12, under terms of the contract with the Tucson Roofing and Supply.

Visitors

Dr. Kearns and Dr. Phillips of the Forest Department, University of Arizona, visited Saguaro on May 5.

Mr. Edwin McPhaul, Assistant Supervisor, Coronado National Forest, May 16.

William Supernaugh, Custodian, Organ Pipe National Monument, May 18.

Mr Joseph Muench, noted photographer, taking photographs of flowering saguaros, May 12.

Ranger Service

Park Ranger Marvin Frost, was terminated on May 5, his services have been sorely missed since that date, as he did an excellent job in the interpretive program.

/s/ Samuel A. King
Samuel A. King
Custodian

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Sunset Crater NATIONAL MONUMENT

Flagstaff, Arizona

May 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument for the month of May 1948.

Visitors this month: 1960 Travel Year to date: 7304

Travel: On the basis of actual registration travel shows an increase of approximately 20% over this same month last year; a total of 784 persons registered.

Weather: Weather during the past month has been hot and dry with very little precipitation. Roads show very definite effects of this lack of moisture.

Fires: The O'Leary Fire on Coconino National Forest broke out again in the latter part of April. Wind direction was such that it could have entered the Monument, but it was checked in the eraly stages. RoadMaintenanceman Bean assisted on this fire with a small crew of Wupatki Navajos.

On the 16th of May visitors traveling between Sunset Crater and Wupatki stopped for a picnic. Careless handling of their fire burned 25 acres before it was discovered and controlled. Names of persons traveling this road and registering at Wupatki have been furnished the Forest Service.

Personnel: Ranger Bob Euler has been approved for a temporary appointment and will be resident on the area early in June to take the place of Ranger Upton who transferred to Petrified Forest.

Housing: At this writing the trailer house is not quite half completed for occupancy. This will be done early in June.

David J. Jones
In charge

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Fort Sumter NATIONAL MONUMENT

Charleston, Carolina

Jan 28 19 41

Secretary for the National Parks, Dallas Texas.

Dear Friend a report of activities at Sumter Junior National Monument during month of Dec 1940.

Visitors this month 1200 Travel from to date: 7703

Travel: In the basis of actual registration travel seems to increase of approximately 200 over this month last year, a total of 7.4 persons registered.

Weather: Weather during the past month has been hot and dry with very little precipitation. Leaves show very deficient growth of this year of maturity.

Fires: The cliffy fire in Cascades National Forest broke out again on the latter part of April. Wind direction was such that it could have entered the Monument, but it was checked in the early stages. Limitations-Cascades Park entered in this fire with a small crew of Hospital Service.

On the 1st of the visitors travelling Lumber Company Service Hospital channel for a picnic. Southern Medicine of Lake View Hospital it serves before it was discovered and controlled. Among of persons travelling this road and registering at Hospital have been functioned the Forest Service.

Personnel: Mr. Joe Tyler has been appointed for a temporary assistant and will be retained on the area early in June to take the place of Junior Tyler who transferred to Official Forest.

Weather: At this writing the trailer house is not quite half completed for occupancy. This will be done early in June.

David A. Kane
Jr Park

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

May 26, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is the report of activities at Tonto National Monument for May, 1948.

Weather. Daily maximum temperatures averaged 90 - 95° for the month, with nights cooling to 65 - 75°. No rain. The month was bright, dry, and hot.

Approaches to Monument. The Apache Trail was in good condition, the Payson road fair, but rough in spots. The entrance road has considerable loose gravel, needs a rain.

Interpretive Service. Due to Archaeologist Hendricks being on special assignment at Tumacacori, the Monument was on a one-man status most of the month. Slightly over one-third of the visitors made the trip to the Lower Ruins, in small parties. Enough cars came in to take up much of the Custodian's time in visitor contact. Trips to the Ruins were made on more than half of the Custodian's lieu days, and the Museum kept open on all days.

Travel. 937 persons in 276 cars visited Tonto this month, compared with 743 in May last year. Most of the travel is from out of state. Sunday, Mother's Day travel was very light. First thing I ever saw that would keep the people home on Sunday.

Roads and Trails. Road & trail crew Roberson and Frazier completed their assignment on May 13. They reconditioned the Lower Ruins trail (one-half mile) completely, improved and partially resurfaced the entrance road, and helped with a few projects which required more than one man to accomplish. All we need now is a gentle rain and a few grader patrol trips.

Visitors. Mr. & Mrs. C. D. Barnett and party from Casa Grande were in awhile May 24, and visited the cliff dwelling. Miss Bertha Hutton, Curator of Ethnology, Museum of New Mexico, was in on May 24, making arrangements for the Girl Scout tour this summer. Miss Dutton, and the Custodian & wife made an early hike Tuesday morning to look at the Salado hilltop sites in the Four Peaks area.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Shenandoah National Park
Luray, Virginia

July 25, 1940

Superintendent
Lassen Volcanic National Park
Mineral, California

Dear Superintendent:

Enclosed is the report of activities at Lassen Volcanic National Park for July, 1940.

Weather. Daily maximum temperatures averaged 80 - 85° for the month, with relative humidity in 20's - 30's. No snow. The month was dry, and hot.

Approaches to Lassen. The Lassen Trail was in good condition. The Prospect road dry, but rough in spots. The Butte Lake road was passable. Lake Porter, about a mile.

Interpretive Service. One interpretive ranger being on regular assignment at Lassen, the interest was at a minimum during most of the month. Clarity and use-value of the visitors made the trip to the Lower Falls, in small parties. Ranger supervision is to take up duty of the Superintendent's time in visitor contact. Since 6, the Park was made to have been duty at the Superintendent's Lodge, and expected light from 10 to 12 noon.

Travel. The journey to the lava crystal Tunnel with 140 ft. descent with 70 in the lava tube. Half of the tunnel is from the 40 slide. Lodge, Lakes, Lassen's Cap tunnel was very light. There which a very was that would pay the Jeanie lake in Monday.

Lodge and Cabins. Week a small view Tuesday and Friday regulated visit accommodations in the lodge. Only provisioned the lower cabins that lower-half cabin accessible. Repaired and certainly maintained the bathroom work, and helped with a few projects which required more than the use to accomplish. All in work was in a gentle rain and a few minutes several trips.

Visitors. In, 1 Lux. G. D. Bennett and wife, from Lake Tahoe were in walk for 2d. and visited the staff quarters. Also Dorris Adams, director of Education, Bureau of Par Lodge, was in on day 2d. making arrangements for the list Lassen Park Nature Guide. Also Dorris and the Superintendent with made in early hike Tuesday morning to look at the Lodge hiking area in the Lost Creek area.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Fire Danger. Fire danger was high most of the month. "No Fires" and "No Smoking While Traveling" signs were posted. The Custodian helped about 2 hours on a small fire at Roosevelt, the afternoon of May 15.

Ranger Service. Archaeologist Lawrence J. Hendricks resigned as of June 6, to take a job with a State Fish and Wildlife Commission. Mr. Hendricks is a qualified aquatic biologist, and wanted to get into that kind of work.

General. The Annual Report was completed and mailed, as well as a Master Plan Development Outline. The Globe Plumbers came out and began work on bathroom facilities in the rangers quarters. At present the affair is strewn around the quarters waiting a return trip to complete the job.

Charles C. Sharp
Custodian

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUMACACORI NATIONAL MONUMENT

Tumacacori, Arizona
May 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

We submit the following narrative report for the month ending May 24th, 1948:

WEATHER CONDITIONS. No precipitation since .01 of an inch of rain fell on March 30th; several days of drying winds during the month have intensified the dry condition of the surrounding range land, and made thorough soaking of planting on the grounds necessary.

The temperature has ranged from 34 degrees on April 25 to 99 degrees on May 15; 19 days during the report period have had a maximum temperature in the 90's.

Judging from the Papago corn we planted in the eastern section of the patio, May has been fine growing weather--if you had enough water. The corn has grown 30 inches in the past month.

INCREASE IN TRAVEL. This May, with travel at 1,756, saw more visitors at Tumacacori than any previous May, an increase of 260 over May of 1947, and of 1,491 over the war-time low (265 visitors in May, 1943).

Out-of-state travel is holding up fairly well, with cars from 38 states and two foreign countries represented; California jumped to its springtime lead; Illinois, Indiana, Michigan, Ohio, and New York continue to account for the bulk of the outstate visitors.

INTERPRETIVE SERVICE. There were 157 guided trips through the mission, for 868 visitors. Information and orientation service was given to 1,715 visitors; 1,698 people saw the mission from the view window, the museum, and the patio garden.

An example of successful interpretation was the senior high school class from the Phoenix Indian School; they almost balked at the class sponsor's idea of interrupting their ditch day trip to Nogales for a visit to an old mission, but became so interested they overstayed the allotted time.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TUMACACORI NATIONAL MONUMENT

Tumacacori, Arizona
May 26, 1948

MEMORANDUM for the Regional Director,
Region Three.

We submit the following narrative report for the month ending May 26th, 1948:

PHYSICAL CONDITIONS. The precipitation since .01 of an inch of rain fell on March 27th; several days of dryness which during the month have intensified the dry condition of the surrounding range land, and made thorough soaking of plantings on the grounds necessary.

The temperature has ranged from 54 degrees on April 25 to 99 degrees on May 13; 13 days during the report period have had a maximum temperature in the 90's.

Taking from the legend cora we planted in the southern section of the patio, May has been fine crystal weather--11 per cent cloudy water. The cora has grown 30 inches in the past month.

TRAFFIC AT FORTS. This May, with travel at 1,700, saw more visitors at Tumacacori than any previous May, an increase of 240 over May of 1947, and of 1,481 over the non-war low (285 visitors in May, 1942).

Out-of-state travel is holding up fairly well, with cars from 22 states and two foreign countries represented; California jumped to its springtime level; Illinois, Indiana, Michigan, Ohio, and New York continue to account for the bulk of the outstate visitors.

INTERPRETIVE SERVICE. There were 187 guided trips through the minaret, for 622 visitors. Information and orientation service was given to 1,715 visitors; 1,649 people saw the minaret from the view window, the museum, and the patio garden.

By example of successful interpretation are the senior high school class from the Phoenix Junior School: they almost believed it the class assembly's idea of interpreting their ditch day trip to Tucson for a visit to an old mission, but became so interested they overstayed the allotted time.

NPS INSPECTIONS AND VISITORS. Edward S. Zimmer and Charles D. Carter visited us on May 2.

Custodian and Mrs. Sam King from Saguaro arrived later on the same afternoon; we're very glad to have them as Park Service neighbors.

Mr. and Mrs. Carroll Barnett from Casa Grande brought friends down on May 22; Barnett was on annual leave, but he donated some time to our water problem (see Water System).

Kenneth M. Saunders arrived (two days ahead of schedule!) on May 25; he inspected the recent installation of butane tank and lines, and gave some help on the problem of stabilizing the mortuary chapel.

PERSONNEL. Custodian Jackson started annual leave May 7; there's been no word so we assume fishing is good along the Verde, and expect him back on duty June 2.

Joe Hendricks came down from Tonto to help run the Monument during Earl's absence; Joe has gotten a fair sampling of the variety in a Ranger's life--from digging ditches, through discouraging treasure hunters, to identifying snails.

STABILIZATION OF MISSION. Two men continued the work of patching the walls of the mortuary chapel (as described in the April Report), and had the first repair coat on about two-thirds of the chapel by May 21. On that date a temporary shut-down was made necessary by lack of funds. Fortunately for the mortuary chapel, whose still-exposed adobe walls were in no condition to stand another July rain, we received word today that we will be able to finish that job, and we were able to get Orozco and Vega back for one more week's work.

CONTRACT INSTALLATION OF BUTANE TANK AND LINES. The Home Gas & Fuel Company of Tucson were awarded this contract. The work was performed on May 12. One section of pipe was left exposed, and there were several details which did not come up to the specification standards, but the workmen were on the job until dark and the system has been operating satisfactorily. Mr. Saunders expressed approval of the job as a whole when he inspected it on May 25.

WATER SYSTEM. The Monument ran out of water on May 21. It now appears that the temporary pump failure was caused by overheating due to very low voltage in the lines that day. We have had water in the pressure tanks since, but are conserving it as much as possible!

For some time we've suspected that the pump is not working efficiently; Mr. Barnett gave some advice on operation and maintenance, but

MRS. KNEWSTRICKS AND VISITORS. Edward S. Skinner and Miss Ida B. Carter visited us on May 5.

Cartoslan and Mrs. Sam King from Bonaire arrived later on the same afternoon; we're very glad to have them as fast service neighbors.

Mr. and Mrs. Carroll Barnett from Cane Grande brought friends down on May 22; Barnett was on annual leave, but he donated some time to our water problem (see Water System).

Kenneth H. Saunders arrived (two days ahead of schedule!) on May 25; he inspected the recent installation of bateas tank and lines, and gave some help on the problem of stabilizing the mortuary chapel.

PERSONNEL. Cartoslan leaves on annual leave May 7; there's been no word so we assume fishing is good along the Yaruk, and expect him back on duty June 2.

Joe Hendricks came down from Tonto to help us the Saturday during Earl's absence; Joe has gotten a fair sampling of the variety in a Ranger's life--from digging ditches, through discovering treasure buried, to identifying snails.

CHAPELIFICATION OF ELDERS. Two men continued the work of protecting the walls of the mortuary chapel (as described in the April Report), and had the first repair coat on about two-thirds of the chapel by May 12. On that date a temporary shut-down was made necessary by lack of funds. Fortunately for the mortuary chapel, where still-exposed adobe walls were in no condition to stand another July rain, we received word today that we will be able to finish this job, and we are able to get Ignacio and Yaqui back for one more week's work.

OPERATING INSTALLATION OF NEW WATER SYSTEM. The Bonne Ma & Fuel Company of Tucson were awarded this contract. The work was performed on May 18. One section of pipe was left exposed, and there were several details which did not come up to the specifications standards, but the workmen were on the job until dark and the system has been operating satisfactorily. Mr. Cartoslan expressed approval of the job as a whole when he inspected it on May 22.

WATER SYSTEM. The Monument ran out of water on May 21. It now appears that the temporary pump failure was caused by overheating due to very low voltage in the lines that day. We have had water in the pressure tanks since, but are conserving it as much as possible.

For some time we've suspected that the pump is not working efficiently; Mr. Barnett gave some advice on operation and maintenance, but

feels, as we do, that the depth of water in the well may be the chief source of trouble. The lowering of the water table in this vicinity is probably going to force us to have another look at the depth of our well.

MAINTENANCE. Some repairwork work was done on both refrigerators during the month. Mr. Noon of Nogales installed the motor in the refrigerator for Residence #1 and the regulator for the refrigerator for Residence #2 (both parts had earlier been taken out for repair); a second trip was made to work on the latter box, which continues to alternately freeze too low and defrost.

Pruning was done on cold-killed plants in the patio, and on mesquite branches that hung too low in the parking area and driveway.

Cleanup was done on the problem area along the south boundary, where oil drums, scrap lumber, and odds and ends had accumulated; six drums were hauled to the dealers in Nogales, arrangements were made with Shell Oil Company to pick up the propane cylinders we will no longer need, wood was piled in one spot, and a good deal of trash was hauled to the adobe pit.

The mission model in the view room got minor repairs, where eager visitors had pulled off doors, seeing if they really worked.

FAUNA. A skirmish with the bats was won by Hendricks when he used an Aerosol bomb on a small crack in the sacristy wall; twenty or more bats were disturbed by the vapor and left there; the crack was sealed with plaster.

Workmen installing the butane tank reported a large rattlesnake disappearing into the brush of the adobe pit; it hasn't been seen since, but we suspect we have a permanent resident there. Two harmless snakes, which the Acting Custodian cannot further identify, have been making themselves at home near the view room and in the cemetery.

A good specimen of scorpion, probably Centrucoides, was sent to Dr. Stahnke for plastic mounting; several solpugids have been collected answering Mr. King's request for specimens to use in illustrating "Poisonous Dwellers of the Desert".

Two Arizona Vireos have to date built three nests in the patio, abandoning the first two with eggs in them. The second nest was deserted after what we suspect was a Cowbird laid a large egg in the same nest; that egg and the three Vireo eggs from the abandoned nest are being preserved for identification.

PUBLICITY. Joseph Muench took eight 4x5 color pictures of the mission on May 9. O. Roach, photographer from Denver, spent two hours on the Monument May 14. Three photographers making a movie of Tucson and vici-

Fools, as we do, that the depth of water in the well may be the major source of trouble. The lowering of the water table in this vicinity is probably going to force us to have another look at the depth of our well.

[illegible]. Some experiments were done on both refrigerators during the month. Mr. Ross of Bowles installed the motor in the refrigerator for Bowlbanks #1 and the regulator for the refrigerator for Bowlbanks #3 and the regulator been taken out for repairs; a second trip was made to work on the latter box, which continues to alternately freeze too low and warmer.

Fencing was done on calcinated plants in the grate, and on rare quite brandons that burn the law in the position over and drivers.

Cleaner was done on the problem area along the south boundary, where oil drums, scrap lumber, and cans and bottles had accumulated. Six trucks were hauled to the dumps in Florida, arrangements were made with Shell Oil Company to pick up the propane cylinders on a longer road, which was piled in one spot, and a good deal of trash was hauled to the above pit.

The plastic model in the view room got minor repairs, where some visitors had pulled off items, seeing if they really moved.

[illegible]. A mitarer with the bite was seen by Dorothy Ross be used on harsol bomb on a small area in the nursing well; hardly it more bats were disturbed by the vapor and left there; the area was sealed with plaster.

Workers installing the water line reported a large rattlesnake disappearing into the area of the white pit. It hasn't been seen since, but we suspect we have a promised resident there. The Wildlife Service, which the Walking Dorothy contact further directly, have been holding discussions at Lake Jean Ross and in the counties.

A good question of policing, probably Government, was sent to Dr. Hinkle for plants sampling; several scientists have been polluted somewhere Mr. Fire's request for assistance to see is illustrating Tuscarora Dwellers of the Desert.

The Arizona Times came to Dr. Hill three weeks in the pitch, accompanied the first two city eggs in them. The second nest was discovered after that we prepared say a Dodder Lake a large egg in the same nest; that egg and the three Times eggs from the abandoned nest are being preserved for identification.

[illegible]. Fresh sheepy, lamb eight and nine pictures of the winter on day 2. 3. Horse, photographer from Denver, went the lamps in the moment day 14. These photographers making a movie of Tucson and vici-

nity worked half a day on the Monument on May 21.

Special Activities. With spring, the fraternity of the seekers of Spanish treasure seems to be gathering. There are of course the three permanent camps where earnest people work the year around; there are one or two seasonal excavators; and this month we have talked with a good many newcomers to the field, who have just gotten hold of their old map straight out of the vaults of a monastery in Spain. An encouraging sign, for us, is that most of them seem to feel that the treasure is not near the church; they usually just want to sight from a certain door toward a certain landmark. On the other hand, if our well should need deepening, we might do well to spread word of midnight lights seen in the vicinity of the well; one of our neighbors now had a good well over 100 feet deep on a previously unwatered part of his range, thanks to the perseverance of some people who know where Spaniards fleeing Mexico hurriedly cached their loot.

Sallie Pierce Brewer,
Acting Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

MAY 26, 1948. 19

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for May, 1948.

Visitors this month, 1423: Travel year to date, 9603.

Travel Data: Each month of the present travel year continues to break all visitor records of corresponding monthly highs of 1947. Although the Arizona Immigration Service report a sharp decline in tourist travel, visitation to this area is running 25% greater than any previous record year since the monument was established. Extra hard winds and heavy dust storms, which prevailed thorughout the first half of the month, failed to dampen the desire of people to see this ancient city.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 2996 for the month. 1240 people in 402 parties were given an orientation lecture in the museum, and 1231 pepple in 397 parties were conducted through the ruins. The average time spent by each party in the museum was 22 minutes, while the conducted tour through the ruins required 21 minutes per party. Three groups of students totaling 93, from various high schools in Arizona, visited the monument and were given special contact programs designed to carry out the interest of the individual class groups, such as Pueblo art for art classes, geology for geology classes, and Pueblo economy and life in general.

Personnel Time: Museum: 151 hours 35 minutes. Ruins: 139 hours 55 minutes. Total time for Bright: 136 hours 45 minutes. For Richert: 154 hours 45 minutes.

NPS Visitors: Edward S. Zimmer from the Director's Office and Charles Carter, Region Three Office on April 28. Dean Dasey, Ranger, Grand Canyon on April 30. Gordon Vivian, Chaco Canyon, on May 12, and Erik Reed on May 18. Valuable suggestions were given by Erik on museum display rearrangement and the intrepretive culture of the early Verde Valley people.

Maintenance and Administration: Several leaks were repaired on the water line during the month. Our old rusty line does not offer a very encouraging picture nor a pretty one. However, we hope to complete the laying and connecting up of the remaining 1200 feet of new 2-inch galvanized pipe within the next 30 days. The completion of this project will eliminate the most deteriorated section and should help materially our water supply to the monument. Several informational and directional highway signs were relettered and given a coating of linseed oil. Between guided tours Ranger Richert has managed to remove all weeds from the rooms in the ruins.

Everett W. Bright
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

[illegible] NATIONAL MONUMENT

[illegible], ARIZONA

[illegible] 30, 1969.

[illegible] 19[illegible]

[illegible] for the Regional Director, Denver Office.

Attached is the monthly narrative report for the [illegible] National Monument for May, 1969.

Visitors this month, 8,[illegible] Total year to date, 1[illegible].

Travel Data: Much work of the general travel year continues to impact all visitor facilities of the monument during April of 1969. Although the Arizona Legislature passed a short division in Joint Travel, visitation in this area is running 20% greater than any previous record year since the monument was established. Extra hard miles and heavy dust clouds, which prevailed throughout the first half of the month, failed to dampen the desire of people to see this ancient city.

Public and Contact Service: Rangers, rules and orientation contacts totaled 2,[illegible] for the month. 1,[illegible] people in the parking area at orientation lecture in the museum, and 1,[illegible] people in 3[illegible] parties were conducted through the ruins. The average time spent by each party in the museum was 21 minutes, while the contacted tour through the ruins required 21 minutes per party. There groups of students totaling 2[illegible]. Free various high schools in Arizona, visited the monument and were given special contact programs designed to carry out the interest of the individual class group. [illegible] as Boy Scouts and the interest of the individual class group, and Public security and life in general.

Personnel Time: Rangers: 1[illegible] hours 2[illegible] minutes. Rotors: 1[illegible] hours 3[illegible] minutes. Total time for Rotors: 1[illegible] hours 4[illegible] minutes. For Rangers: 1[illegible] hours 2[illegible] minutes.

New Visitors: Edward E. Ilsmer from the Director's Office and Charles Martin, Regional Office office on April 2[illegible]. Dean Tracy, Ranger, Grand Canyon on April 3[illegible]. Terrible Tiles, Three Canyon, on May 1[illegible], and Tri Tiel on May 2[illegible]. Notable suggestions were given by this on access display improvements and the interpretive values of the early Pueblo Valley people.

Maintenance and Rehabilitation: Several items were repaired on the site. The Rotor [illegible] the work. For all really like does not after a very successful planner [illegible] pretty [illegible]. Therefore, we hope to complete the laying and compaction of the remaining 1[illegible] feet of new 2-lane pinwheel line within the next 30 days. The rehabilitation of this project will eliminate the most dangerous section and should [illegible] water supply to the monument. Several informational and directional [illegible] were relocated and given a coating of linseed oil. Between [illegible] Rotor has managed to remove all weeds from the areas in the ruins.

[illegible]
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Report lml.

Walnut Canyon National Monument
Flagstaff, Arizona.

May 28, 1948.

MEMORANDUM for the Regional Director, Region Three. 19

Weather. No precipitation and many days of heavy wind. Two pinyons blew down on entrance road, a large Douglas fir came down the cliff to block the ruins trail, light fixtures on Admin. Bldg. porch were damaged, the radio antenna was down twice, one door of Admin, Bldg. was badly damaged, the telephone line was down in several places, etc.

Visitors. Of the 2,169 total, 1,571 were contacted, and it is estimated that 1,626 made the ruins trip unattended. There were 41 picnic parties with 165 people.

Park Service people who were here on official business included Gordon Vivian, Erik Reed, Leland Ramsdell, Raymond Rundell, Charlie Carter, Edward Zimmer, Albert Schroeder, James Clancy, Jimmy Brewer and David Jones.

Activities. The picnic tables have been painted, our fire suppression equipment overhauled, and some repair work done on telephone line in addition to the routine chores.

Our 1934 Ford dump has been put up for sale, and a new International dump is supposedly on its way.

Master Plan & PCP. A new Master Plan was received during month, and several new projects added to the PCP.

Rehabilitation. A contract was awarded for the re-roofing of the Administration Building.

Personnel. Ranger Aubuchon returned to duty from sick leave May 13, and this became a 2-man monument except for twodays he spent at an USFS fire in Kendrick Park.

Last year's seasonal Ranger, Robert H. Viklund, entered on duty as a trail laborer May 24. Six drums of bitumuls have been procured for him to sprinkle on the trails around the parking area.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Report Jul.

WUPATKI NATIONAL MONUMENT
Flagstaff, Arizona.

May 28, 1944.

MEMORANDUM for the Regional Director, Region Three.

Weather. Th precipitation and many days of heavy wind. Two pinyons blew down on entrance road, a large Douglas fir came down the cliff to block the ruins trail, light fixtures on Ranch, Site, roofs were damaged, the radio antenna was down twice, one door of Ranch, Site, was badly damaged, the telephone line was down in several places, etc.

Visitors. Of the 3,167 total, 1,071 were contacted, and it is estimated that 1,571 made the ruins trip unattended. There were 31 picnic parties with 163 people.

Park Service people who came here on official business included Gordon Vivian, Irvin Hood, Island Ramadell, Raymond Rudell, Charlie Carter, Edward Tinner, Albert Schroeder, James Clancy, Tony Dewey and David Jones.

Activities. The picnic tables have been painted, our fire suppression equipment overhauled, and some repair work done on telephone line in addition to the routine chores.

The 1934 Ford dump has been put up for sale, and a new International dump is supposedly on its way.

Master Plan & CCC. A new Master Plan was received during month, and several new projects added to the CCC.

Rehabilitation. A contract was awarded for the re-roofing of the Administration Building.

Personnel. Ranger Ashcroft returned to duty from sick leave May 15, and this became a 2-man monument except for tourists. He spent at an Hotel fire in Sandrick Park.

Last year's seasonal Ranger, Robert E. Vikland, entered on duty as a trail laborer May 24. Six drums of bitumuls have been procured for him to spray-take on the trails around the central area.

Paul F. Beckden
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS NATIONAL MONUMENT
ALAMOGORDO, NEW MEXICO

May 26, 48

MEMORANDUM for the Regional Director, Region Three.

MAY TRAVEL - 1948
Visitors 6768 Cars 1699

1948 TRAVEL YEAR TO DATE
Visitors 52,478 Cars 13,655

This month does not break all records but is well ahead of last year. Six thousand seven hundred sixtyeight visitors in sixteen hundred ninety nine cars visited the Monument during the hours we were open. A few trial checks show us we are missing a large number who come in after hours but neither funds nor personnel permit spreading out much thinner than we are now. We will start split shifts next month, however, which will help this some.

Heavy winds have prevailed throughout the month and many picnics were ruined as a result. No doubt visitation has been affected some by these storms. Roads have been kept open but in some cases only one way and even this by great effort on the part of my road man.

No official trips were made by the Custodian. Ranger Steel returned from his trip to some of the northern areas and Ranger Chittum immediately left for Pyote, Texas after some more war surplus property. Considerable trouble was experienced on the latter trip and it was necessary to order a trailer tire from Los Angeles with a resultant delay of a few days. Joe Shepperd went down with Harold after the tire was received. Chittum is now on a trip to Taos for the Lions State Convention, Harold works hard in his Lions Club and we were proud he was chosen as a delegate.

Many school groups from points in Texas, New Mexico, Oklahoma, Kansas, Colorado, and Arizona have been in and, of course, all seemed to have a good time. Several scheduled Army picnics have taken place and the New Mexico Public Health Service visited White Sands for the picnic closing their annual meeting.

Seasonal Ranger Schaffner is taking Leave Without Pay this week to complete work for his Master's at New Mexico A. & M. at Las Cruces.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible]

[illegible]

Log 24, 64

[illegible] for the National Parkway, Dallas Texas.

[illegible] - 1934 [illegible] Dallas 24, Tex. June 16, 1934

[illegible]

This week does not break all records but is well above of last year. The General Lyons Employed eighteen [illegible] in addition included ninety nine are stated the [illegible] during the [illegible] or more years. A few small checks show us we are clearing a large number who come in after hours but nothing from our personnel people approaching and such [illegible] this service too. We will start again with [illegible], however, which will help this week.

Henry [illegible] has practical completed his work and many photos were taken as a result. We think [illegible] has been efficient and by [illegible] [illegible] has kept [illegible] in mind cause only one way and even this by great effort on the part of my good man.

No official trips were made by the [illegible]. Ranger [illegible] from his trip to some of the neighbors areas and Ranger Collins [illegible] left for Tyler. Time after [illegible] are popular property. Consolidation [illegible] was completed on the Mission Trip and it was necessary to refer a [illegible] this Jim Lee Angles with a requested delay of a few days. Joe Sheppard went down with Darwin after the time was received. Collins is now on a trip to Texas for the Lions State Convention. Darwin works here in his Lions Club and was [illegible] for was chosen as a delegate.

Many school groups from points in Texas, New Mexico, Oklahoma, Kansas, California, and Arizona have been in and, of course, all seemed to have a good time. Several schedules [illegible] have taken place and the low [illegible] public [illegible] service visited this week for the people attending their annual meeting.

General Ranger Schaffner is making large [illegible] by this week to complete work for his masters [illegible]

A. E. M. at Lee Grove.

He will report for the summer stretch next Saturday. May assists in our museum contacts and certainly "assists" on questions regarding our plant life. I believe I mentioned before, his thesis for his Master Degree is "Plant Life of the White Sands".

Concession gains continue and, like ourselves, they are confronted with long hours and little help. No complaints have been received in this Office of this, or any other phase of our activity.

We have had several visitors from our own Service. John Doerr of the Washington Office, Matt Dodge and Bennett Gale; Mr. & Mrs. John Hell, Paddy, and Mrs. Hell's sister; Henny and Elsie Saunders; Carter and Ed Zimmer were in a few minutes; and former ranger and Mrs. Reid of Aztec Ruins.

Surfacing of U. S. 54 from Tularosa to Carrizozo is now virtually completed giving us a paved short cut to Albuquerque and the central part of the state. This should help some on travel too.

Joe Shepperd met with a little trouble in helping Ranger Chittum change a tire on our big trailer. The heavy tire and wheel slipped and caught the end of Joe's little finger between it and the trailer bed so now his little finger on his left hand is truly a "little finger", the tip being donated to the great state of Texas.

Johnzill Faris,
Custodian.

In triplicate

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

May 28, 19 48

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the month of May 1948:

Visitors this month: 448 Travel Year to date: 2193

Weather: The past month has been warm, dry and windy broken only by three days in which any precipitation occurred- a total of .06. The maximum temperature was 92°, the minimum 41°. Fire danger is high.

Roads: The roads, while not acceptable to most visitors, are in fair condition for this time of year. The approach through Sunset Crater is passable, although no traffic is being routed from Wupatki up to Sunset.

Travel: Previous records for the month of May were exceeded and our figures show a 27% increase over last year. Almost half of the Wupatki Ruin visitors come through from Sunset Crater.

Cooperation-Outside Agencies: A total of 69 man hours was spent on fire fighting for Coconino National Forest. The O'leary Basin Fire broke out again the last of April and Maintenanceman Bean assisted along with some of our Navajos. At the request of the Forest Service Custodian Jones and Mr. Bean assisted on the supervision of the Kendrick Park Fire. The disadvantage of this cooperative agreement is that it takes us away from our normal duties, but it does give experience on large fires in varying capacities and provides us with more experienced fire crews among the Wupatki Navajos.

Publicity: Apparently we received a five minute broadcast from KTAR in Phoenix this month over Howard Pyle's program. The Flagstaff station prepared some excellent programs from material furnished them. Considerable newspaper publicity was received prior to the visitors guided by the Cavaliers, a local organization promoting travel to scenic spot of this region.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yosemite NATIONAL MONUMENT

Yosemite, California

May 22 19 40

Memorandum for the Regional Director, Region Three.

Here follows a report of activities at Yosemite National Monument for the month of May 1940.

Visitors this month 40[illegible] Travel Year to Date 2[illegible]

Weather: The past month has been warm, dry and mostly sunny, only to have days in which any precipitation occurred - a total of .[illegible]. The maximum temperature was 92°, the minimum 41°. Fire danger is high.

Forest: The roads, while not overgrown by weed vistors, are in fair condition for this time of year. The supervisor through Yosemite Valley is passable, although no traffic is being routed from Wawona to Yosemite.

Trails: Trail crews worked the month of May were assigned not to repair some of the damage done last year. Almost half of the Mariposa trail visitors come through Inspiration Point.

Concessions: Concessions employed a total of 40 men during the month, one more than during the corresponding period last year. The Curry Co. has hired out a crew of men for Ansel and Maintenance Man assisted along with some of our foreman. At the request of the Forest Service Yosemite Crew had to assist in the suppression of the Merced Park fire. The disadvantage of this arrangement is that it takes us away from our normal duties, but it does give experience in large fires in helping suppression and provides us with more experienced fire crews among the Yosemite Rangers.

Publicity: Apparently we received a fine amount of publicity from the Yosemite Fire work over Memorial Day. The Yosemite station prepared some excellent pictures from material furnished them. Considerable newspaper publicity was received with the visitors guided by the Rangers, a fact unfortunately promoted travel to remote part of this region.

Personnel: Ranger and Mrs. Bob Upton left on May 17 for Petrified Forest National Monument where Bob takes over the job as Assistant Naturalist. We shall miss Bob on the job and both of them for their friendly way of living.

Bob Euler of Arizona State College is temporarily filling the job at Sunset Crater, having entered on duty the 24th. A graduate student in economics and archeology, Bob is planning to continue his work at the University of New Mexico.

Custodian Jones took one week of annual leave in April to work on the editing of a movie of this area.

Visitors: Nps personnel visiting the area included Gordon Vivian of the Stabilization Unit at Chaco, L. F. Ramsdell of the Director's Office accompanied by Ray Rundell of Grand Canyon. We also had the pleasure of meeting NPS Collaborator and Mrs. Louis B. Lundborg of San Francisco.

Organized groups visiting the area included the Flagstaff Cavaliers and party and fifteen Forestry students from Colorado Aggies.

Grazing: A few of the CO Bar cattle occasionally drift over on our land, but the majority have already been moved to summer range. No difficulty was experienced with Kellams cattle this past month and he has recently moved most of his stock up into higher elevations. Chick Kirby, permittee on Coconino National Forest in this vicinity, has moved all of his stock and very likely will not be back next winter.

Spring Flow:

The flow of Wupatki Spring tumbled this month from 1028 g.p.d. to 421 gallons. As usual Hieser did not show as sharp a decrease, the flow being 1085 g.p.d. compared to 1216 gallons last month.

Activities of Outside Agencies: Applications for archeological excavation permits were received from the Museum of Northern Arizona and forwarded.

General: Rehabilitation of house trailers has been the major interim project of the month. One of our Onan Light Plants has been giving us considerable trouble. Twice during the month it broke valve springs. Repair facilities for automotive equipment provide by the Forest Service Regional Repair Shop in Flagstaff have been very satisfactory to date. It is a convenient and economical arraggement for us.

David J. Jones
Custodian

eports
m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

May
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			1 (16 days)

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	2	30	2½ hrs
alks or Hikes	5	58	2½ hrs
uins or Hist. House			
ther			
Total	7	88	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	30	183	1/2 hr
Windows and Devils Garden	5	219	1/2 hr
(Give Name or Type) Total	35	402	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Windows	25	797	1 hr
(Give Name or Type) Total	25	797	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

1287
Total Receiving Interp. Serv.

1016
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
5 page booklets
opular Studies
ource Books

NAME Russell L. Mahan

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

May
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins ~~or Hist. House~~	133	748	½ hr
Other Museum	202	1058	¼ hr
Total	335	1806	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	1	100	3/4 hr
Displays and Exhibits			
Replies to Inquiries			
Other			

1806
Total Receiving Interp. Serv.
1058
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	105
Popular Studies	
Source Books	

NAME Irving D. Townsend
TITLE Irving D. Townsend, Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITOR USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Bandelier National Monument~~
Name of Area

~~May~~ Month

~~1948~~ Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		3	
Temporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	~~123~~	~~1377~~	~~76.4 min.~~
Other			
Total	~~123~~	~~1377~~	

TALKS	NO.		
Campfire			
Hotel or Lodge			
~~x x x x x x x Museum Lobby~~	~~1~~	~~18~~	~~90 min.~~
Museum (Not connected with conducted trip)	~~10~~	~~43~~	~~17.5 min.~~
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	~~1~~	~~14~~	~~30 min.~~
Total	~~12~~	~~76~~	

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~Fire Lookout~~	~~13~~	~~177~~	~~23 min.~~
~~Museum Lobby~~	~~30~~	~~2200~~	~~10 min.~~
(Give Name or Type) Total	~~43~~	~~2377~~	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Trails of Tsankawi and Ceremonial Cave~~	~~30~~	~~742~~	~~- -~~
(Give Name or Type) Total	~~30~~	~~742~~	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits	~~1~~	~~250~~	~~45min.~~
Replies to Inquiries			
Other			

~~4572~~ Total Receiving Interp. Serv.

~~2957~~ Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Fred W. Binnewies

TITLE Fred W. Binnewies
Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

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INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

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Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Canyon de Chelly National Monument

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One	
Temporary			

May Month

1948 Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other	7	30	3 hr
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)	25	100	20 Min
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

Total 150 Receiving Interp. Serv.

Total 150 Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Meredith M. Guillot

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Lack of help and pressure of other duties did not allow for as much interpretive trips as we would have liked. The Custodian was on leave four days.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible] OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible] NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS

Capulin Mountain National Monument
Name of Area

May
Month

1948
Year

No. of Persons Engaged:

Permanent - Administrative - One

Conducted Trips - None

Talks - None

Attended Int. Sta. None

Unattended Interpretive Devices - Wayside markers pointing out five of the principal points of interest.

500
Total receiving Interp. Service.

1,500
Total Number Visitors to Area

NAME Homer J. Farr

Title Custodian

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

May
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary	1		1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	175	1340	46.5 Min.
Other	168	1187	22.5
Total	343	2527	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum etc.		857	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2527
Total Receiving Interp. Serv.
2197
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	Out of Print
Popular Studies	
Source Books	

NAME A.T. Bicknell

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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120905

Section 30
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		(1) custodian	
Temporary			(1) ranger

May
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	27	109	65 mins
Other			
Total	27	109	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	25	85	20 mins
Orientation (Not connected with conducted trip)	1	3	15 mins
Other (Not connected with conducted trip)			
Total	26	85	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

195
Total Receiving Interp. Serv.

118
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME [signature]

TITLE Irving McNeil, Jr.
Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach roads best shape this calendar year, but still not good shape.

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ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

May
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	2	34	2¼ hr.
Ruins or Hist. House			
Other	1	1	8
Total	3	25	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	30	1075	¼ hr.
(Give Name or Type) Total	30	1075	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Point Orientation Station	30	608	¼ hr.
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1718
Total Receiving Interp. Serv.

1215
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Clair V. Cooke

TITLE Clair V. Cooke, Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

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UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~El Morro National Monument~~
Name of Area

~~May~~
Month

~~1948~~
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		~~Custodian~~	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes	~~45~~	~~199~~	~~1hour~~
Ruins or Hist. House			
Other			
Total	~~45~~	~~199~~	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	~~1~~ ~~50~~		~~½ hour~~

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks	~~1~~	~~50~~	~~½ Hour~~
Displays and Exhibits			
Replies to Inquiries			
Other			

~~249~~
Total Receiving Interp. Serv.

~~147~~ ~~208~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME ~~Bates C. Wilson~~

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

MAY
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	42	144	44 Min.
Other			
Total	42	144	31 Hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

144*
Total Receiving Interp. Serv.

194
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
*An additional 43 people, local residents, here to use telephone or on other business were also contacted.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

MAY
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station (Sundays)	4	971	20 mins
(Give Name or Type) Total	4	971	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

971
Total Receiving Interp. Serv.
1211
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ted C. Sowers
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

~~Montezuma Castle National Monument~~
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	2
Temporary			

~~May~~ Month

~~1948~~ Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	~~160~~	~~636~~	~~1 hour.~~
Other			
Total	~~160~~	~~636~~	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~Museum (not continuously attended)~~	~~30~~	~~727~~	~~15 min.~~
~~Orientation (connected with conducted tour but information received by those not making tour.)~~	~~30~~	~~516~~	~~10 mon.~~
(Give Name or Type) Total	~~6 0~~	~~1243~~	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~Sycamore Trail (Self guiding nature trail)~~	~~30~~	~~No record.~~	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

~~1879~~
Total Receiving Interp. Serv.

~~2547~~
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME Homer L. Hastings

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~The Montezuma Well Trail was not in use this month because guide leaflets ordered March 4, 1948 have not been received.~~

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120605

Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

May
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			1 (9 days)

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	9	12	1 hr.
(Give Name or Type) Total	9	12	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Hea dquarters	22	18	2 hrs.
(Give Name or Type) Total	22	18	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

30
Total Receiving Interp. Serv.

30
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Approach road to area opened on May 8th. Temporary ranger entered on duty May 17, 1948.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

MAY
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1 (intermittent laborer)

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
~~Auto Caravans~~ BETATAKIN	1	4	7 hours
~~Walks or Hikes~~ SANDAL TRAIL	6	13	1½ "
Ruins or Hist. House			
Other			
Total	7	17	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

17
Total Receiving Interp. Serv.

26
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	
Popular Studies	
Source Books	

NAME

TITLE J.W. Brewer, Jr., Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

E O NTE

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

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120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

May
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	0	0	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	8	178	1
(Give Name or Type) Total	8	178	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

178
Total Receiving Interp. Serv.

9423
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME William R. Supernaugh,
TITLE Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Office open only 8 days due to demands of other work.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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120905

Reports
3m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

May
Month

1948
Year

26646

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary		1	

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trailside Signs		784	05
(Give Name or Type) Total		784	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

784 (estimated)
Total Receiving Interp. Serv.

1960 (estimated)
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE In Charge

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Ranger on duty as of 24th May when temporary assigned to area. Use of column 1 under Unattended Interpretive Devices not clear- please be more explicit.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 30
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

May
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	1	1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Hist. House~~	110 ~~[illegible]~~	350	45 min av.
Other			
Total	110		

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Hdq Office & Museum	30	755	15 min av.
(Give Name or Type) Total	30		

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1105
Total Receiving Interp. Serv.

937
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Charles C. Sharp

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~Archaeologist on Temporary Duty Tumacacori May 8 - 30.~~

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tumacacori National Monument
Name of Area

May
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	157	868	36.46 mins.
Other			
Total	157	868	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Combined Information and Interpretation Service at registry desk or in museum. All visitors save runarounds get this service.	30	1715	5 mins. ave
(Give Name or Type) Total	30	1715	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum, self-guiding	30	1698	10 mins.*
(Give Name or Type) Total	30	1698	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

4281
Total Receiving Interp. Serv.

1756**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

16 page booklets	None
Popular Studies	"
Source Books	"

NAME Nellie Brewer

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Estimate

** Visitor total includes 41 runarounds

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

MAY
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent	ONE	ONE	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	397	1231	21 mins.
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	402	1240	22 mins.
rientation (Not connected with conducted trip)	230	525	5 mins.
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

2996
Total Receiving Interp. Serv.

1423
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
opular Studies
ource Books

NAME Everett W. Bright

TITLE Everett W. Bright, Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

May
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	5	26	1 1/3
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Admin. Bldg.	27	1571	1/3 hr
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1,597
Total Receiving Interp. Serv.
2,169
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Paul L. Beaubien
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

[redacted]
Name of Area

[redacted]
Month

[redacted]
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		[redacted]	[redacted]
emporary			[redacted]

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans		[redacted]	
alks or Hikes		[redacted]	
uins or Hist. House		[redacted]	
ther		[redacted]	
Total			

TALKS	NO.		
ampfire		[redacted]	
otel or Lodge		[redacted]	
useum (Not connected with conducted trip)		[redacted]	
rientation (Not connected with conducted trip)		[redacted]	
ther (Not connected with conducted trip)		[redacted]	
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
[redacted]	[redacted]	[redacted]	[redacted]
(Give Name or Type) Total	[redacted]	[redacted]	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
		[redacted]	
		[redacted]	
		[redacted]	
		[redacted]	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

[redacted]
Total Receiving Interp. Serv.

[redacted]
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME [redacted]

TITLE [redacted]

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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Reports
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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tupatki National Monument
Name of Area

May
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		2	1
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	61	188	40
Other			
Total	61	188	40

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Walakihu Exhibit	55	170	05
(Give Name or Type) Total	55	170	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

388
Total Receiving Interp. Serv.

448
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME David J. Jones

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Region Three
Santa Fe, New Mexico

July 9, 1948.

Routing List Southwestern National Monuments Areas

	Name of Official	Date Received	Date Forwarded
White Sands			
Chiricahua	C. V. Cooke	7-19-48	7-19-48
Saguaro	S. A. King	7/20/48	7-21-48
Tonto	M. Cosin	7/23/48	7/24/48
Tumacacori	E. Jackson	7-28-48	
Organ Pipe	Spencer	8-3-48	8-4-48
Casa Grande	A. Buckner	8-6-48	8/7/48
Walnut	Beaubien	?	8/11/48
Tupatki	Ayres	?	9/22
Navajo	Bulver	8/29	8/30
Region Three Office--Mr. King			

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Region Three
Santa Fe, New Mexico

July 8, 1948.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for the naturalists of the Southwestern National Monuments for the month of June 1948:

Staff Activities - General

Naturalist Dale S. King was in the office during the entire month except for a one day trip to Bandelier, June 12.

Archeologist Charlie R. Steen took five days sick leave, made one trip to Bandelier and one to Navajo.

Interpretive Administration

A short descriptive statement was made concerning duties of the P-1 Archeologist at Tonto National Monument.

Several applicants for seasonal employment were interviewed in the office, and some letters written concerning the subject.

Interpretive Overhead

An unusual number of informational requests were answered, including one asking about Spanish Treasure at Tumacacori.

A set of slides were selected for use by the Regional Director in an outside talk.

Planning - Other Than Museum

Master Plans were reviewed and signed for Wupatki and Sunset Crater.

Public Relations and Extensive Services

Several sets of photographs were selected and mailed to authors upon their requests.

Custodians of archeological areas were circularized to instruct them to send kiva stones to La Junta, Colorado, where a boy scout troop

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Badlands Park
Rapid City, South Dakota

July 6, 1966.

MEMORANDUM for the Regional Director, Region Three.

Following is the narrative report for the activities of the Southwestern National Monument for the month of June 1966.

PART ADMINISTRATIVE - General

Superintendent Dale R. King was in the office during the entire month except for a one day trip to Bandelier, June 18.

Superintendent Harold E. Jones took the oath of office, June 20, and was sworn in as Superintendent.

Interpretive Administration

A short descriptive statement was made concerning duties of the Park Interpreter at Tonto National Monument.

Seasonal applicants for seasonal employment were interviewed in the office, and some letters written concerning the employees.

Interpretive Program

An unusual number of information requests were answered, including one asking about Spanish Treasure at Tumacacori.

A set of slides were selected for use by the Regional Director in an outside talk.

Director - Chase Ann Stanton

Junior Ranger Cards were reviewed and signed for August and October Cards.

Public Relations and Interpretive Services

Several lots of photographs were selected and mailed in without upon their requests.

Inspections of archeological areas were accomplished by Ranger Stanton in good kiva climes in the Jemez, Bandelier, where a few small group

famous for its study of Indian Lore is building a club house in the form of Chaco Canyon's great kivas.

Progress of Exhibit Plans and Projects

King spent considerable time helping in the selection and purchase of fluorescent lighting for the Walnut Canyon Museum, as well as ordering materials for the museum installation there.

One set of printed labels was ordered for Bandelier Museum from the Director's Office, and Architect Raymond Lovelady, working on museum funds, hand lettered a set for another case. Installation of these two last cases will be completed during the first week of July, and will, for the first time, fill the exhibit space in the third room at Bandelier.

Considerable time was spent by King working with Architect Lovelady in completing a proposed plan for a large model to be placed at Montezuma Castle. This plan will be sent to the Director for comments and improvements by the Museum Division early in July.

King re-worked the prospectus and preliminary museum plans for Walnut Canyon which he had begun in 1942. At the end of the month the plan was in the hands of a typist. It will go to the Custodian for review early in July. Architect Lovelady completed the illustrations for the last five of twelve pages.

Research and Observations

Steen made the trip to Navajo to see whether anything could be done about salvaging prehistoric burials which are washing from the valley fill below Inscription House. During the last ten years the arroyo in Nitsie Canyon has advanced up the canyon more than a mile, and, in front of the ruin, has cut a channel 35 feet deep and 50 feet wide. Most of the cutting was done in the early 1940's and at present the arroyo contains a good stand of cottonwoods, willow, and carrizo. After rains the burials wash from freshly eroded sections of the vertical arroyo walls, but the expense of salvaging the artifacts which remain in the fill would be too great for the National Park Service to attempt at the present time.

An excellent reconnaisance report was received from Dr. D. Elden Beck of Brigham Young University describing a trip made last summer at Arches National Monument. It is unfortunate that there are no available funds to duplicate this report for wide distribution.

Considerable time was spent in assembling equipment to be used by the survey and excavation party from Adams State College, working this summer at Bandelier National Monument. An attempt was made to find bronze markers with which to mark permanently important sites found in the survey.

Among the few study of Indian Lore is Philippe's work known in the form of Chief Dagwat's Green Rites.

Progress of Spatial Plans and Projects

The space exploration time budget is the selection and/or-design of Timeswept lighting for the Saint Lagrer Tower, as well as erecting materials for the Lunar Installation Tower.

The set of proposed labels was reviewed for Dandelion Jonson from the Director's office, and Assistant Sergeant Lunsford, working in Lunar Comm, Dead Letters & and for Another case. Installations of Dove Gap-Park Lunar will be completed during the first week of July, and will, for the first time, fill the entire space in the third row of Dandelion.

Tentatively this and work by Lint working on it. Assistant Lunsford is completing a proposed plan for a large model to be placed at Jonsonne Capital. This plan will be sent to the Director for approval and improvements by the Lunar Division early in July.

Also reviewed the preparation and preliminary design for Saint Lagrer which is has begun in 1970. As the end of the month the plan was in the hands of a typist. It will go to the Lunar Division for review early in July. Assistant Lunsford completed the illustrations for the Lunar Fire at Dandelion project.

Planning and Observations

There made the trip to Dorado to see Professor Aspenkamp would be home about delivering proximity brackets which are working from the Philippe Hill Below Observatory Dome. During the last two years the Aspenkamp Atlas Lunaris has advanced by the margins were from a mile, and, in front of the prior, and just a charcoal of first case and 40 feet wide. Work of the morning was done in the early 1980's and is product the strong alloy being a great stand of astronomers, allies, and Aspenkamp. After seeing the brackets work from Professor Aspenkamp of the National Library Radio, the Aspenkamp of delivering the artifacts which remain to the 1973 would be the great for the National Fair Service to attempt at the Jamaica time.

Dr Aspenkamp Professor report was received from Dr. E. Brown Dean of Arizona Group Interstellar observatory a high work that Summer at Drake Tetrad Research. It is unfortunate that there are no available funds to digitate this report for this distribution.

Superintendent Jones was asked to assemble volunteer to be used by the survey and measurement per by Jose Alma Tiana Dalaya, working this season as Junior Lunar Assistant. It appears was job in Lunar Service which will be work primarily Lagrerson after Fred in the survey.

King spent one half day on the pottery section of the Nalakihu report. The pottery section as well as the bibliography are now typed, and the report probably will be submitted to the Museum of Northern Arizona early in July for printing.

A conference was held with David De Harport of Harvard University, who will work at Canyon de Chelly National Monument under official permit this summer, making an archeological survey there.

Region Three Office Loan Library

Received during the month were 22 books, 40 periodicals, and 46 reprints and leaflets, making a total of 108 accessions.

The more important books received were:

Ashton, Ruth N. - Plants of Rocky Mountain National Park. Government Printing Office, Washington, 1948.

Brockman, C. Frank - Flora of Mount Ranier National Park. Government Printing Office, Washington, 1948.

Cummings, Byron - Kinishba, A Prehistoric Pueblo of the Great Pueblo Period. Hohokam Museums Association and the University of Arizona. Republic and Gazette Printery, Phoenix, 1940.

Foster, George M. - Empire's Children, The People of Tzintzuntzan. Smithsonian Institution, Institute of Social Anthropology, Publication No. 6. Imprenta Nuevo Mundo, S. A., Mexico, 1948.

Fitzpatrick, George (editor) - This is New Mexico The Rydal Press, Santa Fe, 1948.

Gibson, Charles - The Inca Concept of Sovereignty and The Spanish Administration of Peru. The University of Texas Institute of Latin American Studies, Latin American Studies No. 4, Austin, 1948.

Howells, William - The Heathens. Primitive Man and His Religions. Doubleday and Co., Inc., Garden City New York, 1948.

Lillard, Richard G. - The Great Forest, Alfred A. Knopf, New York, 1948.

O'Neale, Lila M. and Bonnie Jean Clark. Textile Periods In Ancient Peru. III: The Gauze Weaves. University of California Publications in American Archeology and Ethnology, Vol. 40, No. 4, Berkeley and Los Angeles, 1948.

Sixty copies were half-tone on the primary sections of the Bulletin, two parts. The primary section as well as the bibliography are not typed; and the report probably will be published in the Proceedings of Institute Science early in July for printing.

A conference was held with Dr. Jones the director of Carnegie Institute, who will speak at Langue de Tonsly Building Institute under auspices of this society, making an archaeological survey there.

Bureau Stone Utilization Laboratory

Received during the month there 11 books, 4 pamphlets, and 47 periodicals and bulletins, making a total of 162 accessions.

The more important books received were:

Antrim, Alva E. - Tracts of Ghosty Executive Entrance Hall. Government Printing Office, Washington, 1921.

Brockman, C. Frank - Flora of Mount Baker National Park. Government Printing Office, Washington, 1938.

Chamberlin, Byron - Fluorite, a preliminary report of the Crown Point, Indiana. Bureau of Mines Bulletin 400 of the University of Ottawa. Department of Geology Institute, Ottawa, 1938.

Fraser, George S. - Dogtow's Tailings. The Ferris of Bureau-Man. Carnegie Institution, Institute of Social Anthropology, Publication No. 3. Government Press Bureau, n. d., Quebec, 1938.

Philadelphia, Bureau (Author) - This is the Bureau. The Bureau Press, Bureau Co, 1938.

Stone, Charles - The Jade Jungle of Guatemala and the Quest for Administration of Peru. The University of Texas Institute of Latin American Studies, Austin Bureau Bureau Co. Austin, 1942.

Swanson, Philip - The Gardener. Twelfthy Tom and Old Tom. Lippincott, Bentley and Co., Inc., Garden City New York, 1938.

Williams, Richard C. - The Stone Fruit. Alfred A. Knopf, New York, 1938.

Wheeler, Lily V. and Bessie Jean Clark. Public Prudence of Modern Verse. III. The Stone Tomorrow. Tomorrow of Philosophy Institutions in Northern Architecture and Sculpture. Bul. No. 4, Industry and Science Bureau, 1942.

Osborn, Fairfield - Our Plundered Planet
Little, Brown and Co., Boston, 1948.

Steward, Julian H. (editor) - Handbook of South American Indians, Vol. 3, The Tropical Forest Tribes. Smithsonian Institution, Bureau of American Ethnology, Bulletin 143, Washington, 1948.

West, Robert C. - Cultural Geography of the Modern Tarascan Area, Smithsonian Institution, Institute of Cultural Anthropology, Publication No. 7. Government Printing Office, Washington, 1948.

Southwestern Monuments Association

The most important news of the months activities is that receipts from mail sales were considerable, are still coming in, and probably will enable us to expand our mailing list rapidly. Details are given below in the Treasurer's report.

Proclamation No. 2787 by President Truman, May 28, 1948, added to Aztec National Monument the Hubbard Property which was donated by this Association.

An excellent set of photographs taken by William Lippincott, Indian trader at Wide Ruins, Arizona, was received for inclusion in a proposed booklet this Association probably will publish during the autumn months. Also received was the complete manuscript from Arthur Woodward of the Los Angeles Museum.

Correspondence was had with Reverend Victor R. Stoner, of our Board of Directors, concerning a project whereby he will prepare and write a chronology for Tumacacori National Monument.

The full report of Treasurer Alan Vedder follows:

"During the month of June I worked 21 days. Most of the time was spent on filling orders from the mail broadside (we took in $722 to June 30th), taking care of mail, working on quarterly inventory turn-in from the monuments, and making HQ turn-ins (two), each of which takes a half day due to increase in sales. This month we sent out an additional 2,699 envelopes with our enclosures, including book list, etc. This really completes our first mail broadside, which amounted to 12,527 envelopes. Those working on the mail list or giving advice had a chance to guess how much money we would take in, with the prize a choice of any book we sell. Approximately an advisor won, our Chairman, Mr. Davis.

"Two disbursements were made this month, due to special requests and the fact our fiscal year ends June 30th. Two deposits were made; 325 covers, not including our mail list, sent out, including 75 letters and 34 purchase orders.

Osborn, Patricia - Our Pioneered Trees.
Lisbia, Green and Co., London, 1948.

Stewart, Julia M. (editor) - Handbook of Plant Material Values, Vol. 2. The Original Forest Trees. Institute Industries, Bureau of Business Economics, Bulletin 142, Washington, 1928.

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<u>Concluding Summary Remarks</u>

The most important news of the Society activities is that receipts from dues sales very considerable, are still coming in, and probably will enable us to expand our mailing list slightly. Details are given below in the Treasurer's report.

Presidential Ex. Dir. by President Trumpy, on 23, 1948, added to Active Political Committee the Society Property which was invaded by this association.

In available set of photographs taken by William Lightbody, Indian Director of Elk Mound, Arizona, was received for inclusion in a forthcoming bulletin this Association probably will publish during the autumn months. Also received was the complete manuscript from Author Professor of the Lee Herbert Bowers.

Correspondence was had with Professor Walter E. Tinker, of our Board of Directors, concerning a project worthy in all respects and which a committee for Tomorrow's National Monument.

The full report of Treasurer Lee Walter follows:

"During the month of June I received $1 dues, that of the time was spent on filling orders from the mail brochure (we have in stock to date 3)), taking care of mail, sorting or quarterly Lectures, tending the commands, and making 22 memoirs (two), each of which takes a half day due to increase in sales. This month we sent out as additional 1,000 envelopes with our emblems, including back list, 4%. This really completes our first mail brochure, which amounts to 12,87 envelopes. Those working on the mail list or giving advice had a chance to read how many we could take in, with the price a choice of any book or mail. Approximately on another was, our Chairman, Mr. Smith.

"The disbursements were made this month, due to special requests and the fact our fiscal year ends June 30th. The expenses were under 25% overall, not including our mail list, which not, including 7% letters and 24 purchase orders.

"Barbara Vedder worked 68 hours. Her time was spent at the addressograph machine, stuffing envelopes, filing stencils and cards, classifying business reply cards and filing. Also much time spent on wrapping packages and mailing them."

Visitors

Jack Turney, Thomas Onstott, Drs. Herbert E. Gregory and Harry P. Mera, Helmut de Terra, and Chief of Information Herbert Evison.

Ruins Stabilization

Stabilization of Tyuonyi Ruin at Bandelier National Monument was completed at the end of the month. A small crew of Cochiti and Santo Domingo Indians, supervised by Ranger Onstott, have done an excellent job. Work will continue at Bandelier during July to complete stabilization of Long House Ruin.

On the return from Navajo, Steen visited Walnut Canyon and discussed with Custodian Beambien a ruins stabilization job which will be started this autumn.

Projects for July

King will Leave Santa Fe July 3 to go to Walnut Canyon where he will spend more than a month making a preliminary museum installation and visiting several Arizona monuments on side trips.

Steen will spend most of the month handling office overhead, but will take short trips to Bandelier and Chaco.

Charlie R. Steen,
Archeologist.

Approved for Distribution _____, July 8, 1948.
Acting Regional Director.

cc: Mr. Dodge.
Monument Circulation (2).

[illegible]

[illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches
NATIONAL MONUMENT

Moab, Utah

June 27, 48
19

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of June, 1948:

GENERAL: A trip was made to Wupatki National Monument from June 16th to 18th to pick up a water tank for use at Natural Bridges National Monument. A stop was made at Monument Valley on the return trip.

TRAVEL: Travel to this area again hit an all time monthly high with 423 cars and 1407 people visiting the area. In checking actual daily travel against the registers on several days it was found that we are losing from 35% to 50% of our travel due to non-registration. At present we add 25% to the actual registration for the monthly travel figure. We had 1158 visitors at the Windows section, 314 in the Devils Garden and 107 at Delicate Arch, the figures for the Devils Garden and Delicate Arch are actual register figures.

INTERPRETIVE SERVICES: Our contacts approximately doubled those for May, with 258 people being contacted at headquarters, and 530 people were contacted at the Windows, etc. A total of 877 people visited the area unattended. Three caravans were conducted to the various sections with 14 people and 18 parties with a total of 133 people were conducted through the various sections of the monument.

WEATHER: The weather continues unusually cool for this time of year. Good rains fell on June 2nd, 7th, 11th, 21st and 22nd. The storm of the 21st and 22nd laid a cover of new snow on the LaSal mountains. High winds blow on two occasions during the month.

ROADS: Our roads have been in good shape throughout the month. The state graded all roads, both approach and monument, from June 3rd to 5th and graded the approach road again on June 22nd and 23rd, after our heavy storm on June 21st. This storm washed out several spots along the approach road and also two culverts in the Windows section.

TRAILS: The Courthouse Towers trail was signed during the first part of

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Indian

NATIONAL MONUMENT

Ben. Hul

Aug 27,

MEMORANDUM for the National Museum, Indian Tours:

The following is a monthly report for Aztec National Monument for the month of June, 1940:

ATTENDANCE: A trip was made to Mesa Verde National Monument from June 3rd to 12th to plan up a water tank for the new Mesa Verde National Monument. A stop was made at Monument Valley on the return trip.

TRAVEL: Travel to this area again fell so all time monthly high with 217 cars and 1,077 people visiting the area. The monthly average travel equaled the predicted on annual days in the Travel Book so we feel that we can expect travel due to non-residents. As previous, we will use the August predictions for the monthly travel figure. So 243 visitors at the Ruins museum, 214 in the Lowry Museum and 107 at Betatakin Lodge, the figures for the Mesa Verde and Betatakin area are actual museum figures.

INVESTIGATIVE ACTIVITIES: Our museum approximately doubled since for May, with 209 people being entertained at Lowry Ruins, and 103 people were entertained at the Ruins museum. A total of 377 people visited the area during June. Three services were conducted in the Ruins museum with 12 people and 11 people with a total of 123 people were conducted through the various ruins of the monument.

WEATHER: The weather conditions generally good for this time of year. Total rain 3.01 in June 2nd, 7th, 12th, 13th, 21st and 22nd. The stony of the 21st and 22nd left a water of one foot on the Lodge monument. High winds blew on the mesa during the month.

MAINTENANCE: Our roads have been in good shape throughout the month. The Ruins graded all roads, both approach and monument. Two men had to fill and grade the approach road again on June 21st, after our heavy rains on June 21st. This storm washed out several ruts along the approach road and also the culverts in the Ruins museum.

TRAILS: The Cliff Palace Trail was closed during the first part of

of the month. Arrows mark the trail for the entire distance from headquarters and name signs have been placed at all important features. This completes our trail marking program for this year and makes the Windows, Devils Garden, Delicate Arch and Courthouse Towers sections readily available to visitors without a guide.

INSPECTIONS: An inspection was made at Natural Bridges National Monument on June 7th and 8th. All trails were gone over at this time and it was found that the trail from headquarters to Kachina Bridge was badly washed out. It has been impossible to employ labor to improve this condition. The headquarters area was in good shape.

PRIVATE LANDS: All papers have been completed on the purchase of the Turnbow Homestead from Mr. Emmett Blázonde and have been sent to Regional Office for final action.

NATIONAL PARK SERVICE VISITORS: Mr. Jesse Nusbaum of Regional Office, in company with Mr. and Mrs. Wentworth of California, spent May 31st in the monument and made a trip to Grand Point on June 1st.

Richard Sias of Regional Office, with Mr. Philip Fuderer of the Director's office, visited the area on June 15th. A trip was made with them to Gray's Pasture and Grand Point on that date.

Ralph Lassiter of the Regional Office arrived in Moab on June 20th with his wife and daughter. They were shown over the monument on the 21st and on the 22nd a trip was made to Deadhorse Point with the Lassiters and Superintendent Rose of Mesa Verde National Park.

NEWSWORTHY VISITORS: Jack Breed of Tucson, Arizona arrived on June 1st. He intended to cover Monument Canyon, The Needles and Natural Bridges but received word that the pictures taken on his Escalante trip, about three weeks duration, had not turned out well, so he returned to Tucson on June 6th to check on this matter. I recently received word that he would return in the near future.

WILDLIFE: A visitor from Salt Lake City reported seeing a female mountain lion, with two cubs, in the Courthouse Towers section on May 30th. Stated he watched them for several minutes with field glasses.

Rattlesnakes seem to be more prevelant this year than they have in the past. Visitors have reported them on two occasions in the Windows section. One was found along the slick-rock trail to Delicate

Page 2, Arbor Herr. Exp., June,1940

of the month. Arrows mark the trail for the entire distance from headquarters and some signs have been placed at all important forks. This completes our trail marking project for this year and makes the Kinkaus, Devils Garden, Delicate Arch and Surprises Tower sections readily available to visitors without a guide.

INSPECTION: An inspection was made at Natural Bridges National Monument on June 7th and 8th. All trails were gone over at this time and it was found that the trail from headquarters to Kachina Bridge was badly washed out. It has been impossible to employ labor to improve this condition. The headquarters area is in good shape.

PRIVATE LANDS: All papers have been submitted on the purchase of the Turkey Canyon tract from Mr. Smith (Allison) and have been sent to Regional Office for final action.

NATIONAL PARK SERVICE VISITORS: Mr. Jesse Nichols of Natural Bridges is staying at Mr. and Mrs. Hampton's at Kachina, spent one day in the monument and made a trip to Jewel Point on June 1st.

Richard Sun of Regional Office, with Mr. Philip Fisher of the Director's office, visited the area on June 11th. A trip was made with them to Dwyer's Pasture and Jewel Point on June 12.

Ralph Lantner of the Regional Office arrived in Kane on June 20th with his wife and daughter. They were shown over the monument on the 21st and on the 22nd a trip was made to Headquarters Point with the Lantners and superintendent Lee of Zion Park National Park.

MONUMENT VISITORS: Four Crews of Tourists, Artists arrived on June 1st. Is interested to serve Monument tourists. The Moulton and Natural Bridges has received word that the pictures taken on his Travelers trip, about three weeks ago, had not turned out well, so he promised to Tourists on June 6th to return to this section. I personally received word that he would return in the near future.

VISITORS: A visitor from Salt Lake City reported seeing a female mountain lion, with two cubs, in the Smithsons Tower section on May 30th. Stated he returned then for several minutes with field glasses.

Butterflies seem to be more prevalent this year than they have in the past. Visitors have reported them on the mesatops in the Kaiparowits region. One was found along the Escalante River in Dwyers

Arch on June 11th.

A family of eagles nested in the vicinity of Balanced Rock this year. Two young eagles were seen flying in that vicinity during the month.

VANDALISM: On two occasions during the month we have found names carved on the rock near Double Arch. One party was apprehended before they left the area and were given the job of eradicating their handiwork. The other party was traced and advised by mail regarding the rules and regulations of the Service.

Russell L. Mahan
Custodian

(in trip.)

Page 5, Arden Ser. Sta., June, 1944.

Arch on June 11th.

A family of eagles nested in the vicinity of Salmond Back this year. Two young eagles were flying in and vicinity during the month.

VANDALISM: On two occasions during the month an Iowa Penal Farm served on the Pea Ridge Boulevard. The party was apprehended before the left the area and were given the job of cleaning their premises. The other party was turned and advised by well regarding the rules and regulations of the Service.

(in brief.)

Donald L. Baker
Naturalist

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

24 June 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Aztec Ruins for June 1948.

WEATHER. The usual fine weather for this time of year has prevailed, althe rather unusual rainfall has occurred with a total of 1.89 in. Travel has increased quite rapidly and for the fiscal year is some 8% ahead of last year.

MAINTENANCE. Unable to obtain logs for repair to our small kiva in the plaza of the Ruins we have been cutting them ourselves and during the month have cut a sufficient number for this job.

We removed our domestic well pump and motor for repair after it failed due to burning and shorting of field coils. For the interim we are using a rented pump and motor.

INTERPRETIVE SERVICE. There were 1640 visitors guided thru the ruins in 247 parties and 1905 visitors in 309 groups visited the musueum.

MUSEUM ACTIVITIES AND EXHIBITS. Museum cases were cleaned and exhibits requiring it were treated with moth repellent chemicals. Various exhibits were rearranged for better presentation.

INCREASE IN TRAVEL. Travel this month has increased approximately 17% over June last year with 1905 visitors from 41 states, Alaska, Hawaii, Canada, Japan, Spain, Switzerland; they arrived in 5999 Cars.

RANGER SERVICE. Donald T. Rippey, temporary park ranger, entered on duty for the summer season, June 7. Mr. Rippey is a Univ. New Mexico student and GI.

Irving U. Townsend
Irving U. Townsend,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
AZTEC RUINS NATIONAL MONUMENT
AZTEC, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

July 1, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier Nat'l Monument for the month of June, 1948.

WEATHER

The weather was ideal here in the Monument during the month of June. Fifteen days of the month registered a maximum below 90 degrees. The other fifteen days balanced between 95 and 90.

A cloudburst on the 19th threatened to wipe our roads and trails off the map. A rainfall of .56 was measured that day at Headquarters, but was much heavier along the eastern edge of the Monument. We have enjoyed a few light showers, but, these were so light that they just kept our fire danger between moderate and high.

SPECIAL ACTIVITIES

Maintenanceman Tony Valencia made a trip to Carlsbad Caverns National Park on June 20 for the purpose of spraying DDT on trees and shrubbery there. The work done by Mr. Valencia was highly praised by the Superintendent at Carlsbad Caverns.

COOPERATIVE AGENCIES

The archaeological field school from Adams State Normal of Alamosa, Colorado moved in on the 24th and by the end of the month were well started on their summer program. The excavation of the small pueblo ruin near headquarters, L. A. 217, was started and final details for the survey of the Ramon Vigil Grant were worked out with the Atomic Energy Commission.

ROADS AND TRAILS

Except for the day of the afore-mentioned deluge on the 19th, our roads have been maintained in fairly good condition. The overhauled grader brought to the Monument this month, is being kept busy by Maintenanceman Wendland, and the only complaints we hear now are mostly about the dusty condition.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BANDELIER NATIONAL MONUMENT
SANTA FE, NEW MEXICO

July 1, 1942

MEMORANDUM for the Regional Director, Region Three.

There follows a report of the activities at Bandelier Nat'l Monument for the month of June, 1942.

WEATHER

The weather was ideal here in the Monument during the month of June. Fifteen days of the month registered a maximum below 90 degrees. The other fifteen days balanced between 90 and 95.

A cloudburst on the 15th threatened to wipe our roads and trails off the map. A rainfall of .50 was measured that day at Headquarters, but was much heavier along the eastern edge of the Monument. We have enjoyed a few light showers, but these were so light that they just kept our fire danger between moderate and high.

SPECIAL ACTIVITIES

Maintenanceman Tony Valencia made a trip to Carlsbad Caverns National Park on June 26 for the purpose of spraying DDT on trees and shrubbery there. The work done by Mr. Valencia was highly praised by the Superintendent at Carlsbad Caverns.

COOPERATIVE WORKING

The archaeological field school from Adams State Normal of Alamosa, Colorado moved in on the 15th and by the end of the month were well started on their summer program. The excavation of the small pueblo ruin near headquarters, L. C. 117, was started and final details for the survey of the Upper High Canyon were worked out with the Soil Erosion Conservation.

ROAD AND TRAILS

Except for the day of the afore-mentioned deluge on the 15th, our roads have been maintained in fairly good condition. The over-loaded gravel brought to the Monument this month, is being kept away by maintenanceman Rendland, and the only complaints we hear now are mostly about the dusty condition.

UTILITIES

Definite word was received from the Atomic Energy Commission at Los Alamos that they will construct a power and telephone line to within approximately 1½ miles of the headquarters area. By finishing the line we may soon have power and telephone service for which we have been hoping so long. Trouble that developed with the big generator at the end of the month only served to emphasize the need for dependable power.

INTERPRETATION

In spite of the revised schedule of ruins trips including 6 to 7 parties a day instead of the 10 daily last year, there were 166 conducted tours through the ruins. Although the main usage of the Monument is by local people, there were 2513 people through the ruins.

Due to the shortage of personnel, the evening lecture program was not begun, and only one program was given. Some new film was obtained from the Regional Office to be incorporated with some on hand for new talks when the program gets under way.

MUSEUM

The labels for the Seasonal Ceremonies case were received during the month and that case is now all but ready for installation. The label explaining the figures on the glass front of the Pueblo Government case was also received.

TRAVEL

Total visitors for the month of June almost doubled that of May, and was 61% greater than the same month last year. We had a total of 5284 visitors compared to 2957 for last month. This gave us the highest single month in the history of the Monument. Most of our visitors were local, however, we note that as the days go along we are registering more out of state travelers.

CONCESSIONS

Business of Frijoles Canyon Lodge was not as good as was expected and a total of 434 lodgings were reported. This is low in comparison with the number of visitors to the area.

Some difficulty was experienced with the oil water heaters but they have been adjusted temporarily pending the revision of the existing system.

VISITORS

Dr. Helmut De Terra, noted geologist and Archaeologist, visited the Monument on June 23. Dr. De Terra is conducting research on early man under the auspices of the Viking Fund, and his visit to Bandelier National Monument was to secure Kodachromes for assem-

Dallaire was received from the Hanoi Energy Consultants at Los Alamos that they will construct a power and hydrolysis line to which synchronously 12 kilos of the hydrolysis area. Or finally the line by any such here power and telephone service for which we have been hoping so long. Finally that involved with the big production at the end of the month only serious to supplies the need for diplomatic power.

INTERVENTION

In spite of his reviews outside of press trips including a to 7 meetings a day instead of the 12 daily last year, there were the conflicting views towards the press. Although the only usage of the Ministry is by local people, there were still people through the right.

Due to the shortage of personnel, the evening lecture program was not begun, and only one program was given. Some may film was obtained from the Regional Office to be incorporated with some on hand for use talks when the program gets under way.

[illegible]

The labels for the Internal Government were were received during the month and that case is now all but ready for publication. The label explaining the figures on the glass front of the Public Information case was also received.

TRAVEL

Total visitors for the month of June almost doubled that of May, and was 12% greater than the same month last year. We had a total of 2000 visitors compared to 1737 for last month. The year to the figures which is the history of the Museum. Most of our visitors were local, however, we have had as the days go along we are replacing more and of state travelers.

[illegible]

Business of Pilipino Langue Table was low at 1/2 as we had [illegible] and a total of 13 [illegible] were provided. This is [illegible] replacing all the number of visitors to [illegible].

Some criticism was received with the old value [illegible] but they have been adjusted temporarily pending the revision of the [illegible].

[illegible]

[illegible] to Tarra, metal polishing and [illegible], [illegible] the Museum on June 23. [illegible] Tarra is expecting [illegible] early [illegible] under the auspices of the [illegible] Tarra, [illegible] which is Executive Director [illegible] was to [illegible] for [illegible]

bly in a Southwest Slide Film for educational use.

Mr. and Mrs. Howendobler made Bandelier the 175th. area of the National Park System that they have visited when they spent two days here during this month.

PERSONNEL

Seasonal Ranger Robert Morris reenforced the Protective personnel staff, entering on duty the 19th. "Bob" is an old hand for this area and we were pleased to welcome him back for this season after he had spent the winter in school at Colorado A & M.

We have been having difficulty in finding applicants for the third seasonal ranger position, after three early applicants decided to go back to school, but it is expected that the position will be filled early in July.

MISCELLANEOUS

The Bandelier staff was very pleased to be hosts to about 30 members of the Regional Office, their families and friends, and Chief of Information Herbert Evison, at a buffet supper and an evening of dancing and cards at Frijoles Canyon Lodge on June 12. The event was sponsored by the NPS Womens Club.

Fred W. Binnewies
Custodian

Canyon de Chelly National Monument
Chinle, Arizona

June 25, 1948

MEMORANDUM for the Regional Director, Region three.

The following is a report on activities at Canyon de Chelly National Monument during the month of June, 1948.

Weather

Weather during June was about normal but with slightly more rainfall than usual. Amaximum of 94 and a minimum of 42 degrees was registered during the month with .67 inches of rainfall. High winds and dust storms were prevalent thrucought the month and were usually followed by light showers. Canyon travel was possible during the greater part of the period but is quite difficult at present.

Administration

Administrative and Fiscal matters were taken care of but heavy travel and maintenance work precluded a great deal of time in the office. One trip was made to Gallup, New Mexico on June 11-12 for supplies and equipment.

Maintenance

Installing of cabinet work and painting in the ranger quarters was practically completed. Cleanup of garages and storage began along with checking and repair of fire tools etc. was completed.

Repair to the soil and moisture revetment was completed at Antelope house and continued spraying of new plantings against the Cottonwood leaf-beetle was carried on.

Trails to the Spider rock area and to the White house were made and the ruin cleaned of dead twigs branches, debris, etc. Minor repairs were also made to the ruin.

Insect Infestation

Although the headquarters area which was sprayed in May shows a considerable decrease in infestation, the canyon areas are rapidly being infested and more spraying may be necessary. A swarm of insects closely resembling the squash bug moved in on Many Farms located 17 miles north, in the last two days.

Bangwa in Cluffy: Judicial Treasures
Cotton, Indians

June 23, 1945

MEMORANDUM for the Judicial Director, Judge Stone.

The following is a report on activities at Bangwa in Cluffy Judicial Research during the month of June, 1945.

Weather

Weather during June was almost normal but only slightly more pleasant than usual. Temperatures of 90 and a minimum of 62 daytime was frequently during the month with 47 inches of rainfall. This weather and heat stopped more productivity throughout the month and were usually followed by light showers. Bangwa travel was possible during the greater part of the period but is quite difficult at present.

Administration

Administrative and fiscal matters were taken care of by Judge Ismael and secretaries who provided a good deal of time in the office. The help was quite in helping. Our Boston co-chair for supplies and equipment.

Personnel

Profiling of political work and planning in the major provinces was practically completed. Classes of Bangwa and otherwise began along of a meeting and report of five weeks via, was completed.

Regard to the well and welfare research was completed at Kotiga house and continued growing of the plantings against the Japanese Land-Lords was carried on.

Trials in the Cluffy area were and so the Cluffs house were well and the rule elected of Ismael Ralph Pendleton, Jones, etc. Other regular were also made to the rule.

Travel Conditions

Although the Bangwa-Cluffs area which was changed to Mr. Alden a quadrangle course in Bangwa, the engine cross was mighty being driven and was quality may be necessary. A means of transport already presented the equipment and arrival to an long date Ismael if which really is the last two days.

The Navajo Service is taking steps to control this by dusting and thus attempting to save the navajo crops. If the infestation reaches the canyons, controll measures will undoubtedly be taken there also.

Travel

Although slightly below last years monthly travel, we close our Fiscal year with an increase of 343 or alittle over 11 %. Travel year figures continue to show a decrease.

Visitors

Mr. and Mrs. Frank Wentworth conducted by Dr. Jesse L. Nusbaum spent several days at Canyon de Chelly, Dr Nusbaum returning to Santa Fe.

Mr. and Mrs. A.W. Werner, taking pictures and getting material for National Parks Magazine, Mr. Roman Hubbell and Party. Mr. and Mrs. Ray Manly and Clay Lockett and wife of Tucson spent some time in the canyons getting photos for a feature story on Mr. Lockett.

N.P.S. Visitors

Assistant Regional Director Davis, Mrs. Davis and Ann visited the area on June 22 and 23, leaving for Walnut canyon on the 24th. We enjoyed their visit a great deal.

Ranger Service

Mr. Zorro A. Bradley entered on Seasonal duty as Park ranger on June 6, We were glad to see him as we neede his help.

Government Publications

Mimeographed Leaflets.....000
2-fold leaflets, CDC.....800
Glimpses of N.P..... 17
Map Folders SWNM.....110
Map Folder No6.....240

Meredith M.Guillet,
Custodian

The Davis Expedition is taking steps to conclude this by doubling and then sidesaddling to save the Davis stores. If the Indianapolis reaches the canyons, constantly measures will undoubtedly be taken there also.

Travel

Although slightly below last year's monthly travel, we place our travel year still in increase of 30% or slightly over 1% . Travel year figures continue to show a decrease.

Visitors

Mr. and Mrs. Frank Tarkington accompanied by Mr. Owen L. Tarkington spent several days at Canyon de Chelly, Mr Tarkington volunteering to Ranger Mr.

Dr. and Mrs. A.E. Turner, taking pictures and getting material for National Parks Magazine, Mr. James Kimball and Mrs. Dr. and Mrs. Ely and Clay Jackson and wife of Tucson spent some time in the canyons getting photos for a Indians story on Mr. Jackson.

Rafe. Visitors

Southern Pacific Director Davis, Mr. Davis and Mrs Davis visited the canyon on June 20 and 21. Leaving for Tucson canyon on the 22d. The subject visit was a great deal.

Ranger Service

Mr. Harry L. Bradley entered on Seasonal duty as Park Ranger on June 1. We were glad to see him as we needs his help.

Concessions Facilities

Indianapolis Leaflets.....200
Brief Leaflets, etc.....200
Climpses of N.P.....17
Map Yellow Pages.....117
Map Yellow Tan.....300

Respectfully Submitted,
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~COOLIDGE, ARIZONA~~
Capulin, New Mexico

June 25, 1948

MEMORANDUM for the Regional Director,
Region Three, National Park Service
Santa Fe, New Mexico

There follows the narrative report for Capulin Mountain National Monument for the month of June, 1948.

Visitors: There were three thousand visitors to the Monument during June, exactly doubling the number of visitors of last month. A total of eleven thousand one hundred visitors for the travel year to date and thirty thousand, six hundred for the fiscal year.

Weather: Temperatures have remained low for this time of the year, resulting from the unusual amount of four inches of rainfall which was reported.

Flora and Fauna: The flowers, trees and grass are all beautiful from the heavy rainfall during the month.

Ranger Homer Farr encountered six of his pet deer near the Monument road yesterday.

Roads and Trails: The custodian has been rather busy during the month keeping the roads in good condition, because of the heavy rains.

Approach to Monument Road: On June 24 the new highway marker was erected at the intersection of Monument road and highway 64. The well made and nicely painted marker is quite an attractive addition.

Interpretive Service: On June thirteenth Homer J. Farr went on continuous duty as seasonal Ranger, serving in this capacity Monday through Friday each week, contacting the ~~XXXXXXXXXXXXXXXX~~ visitors ~~XXXXX~~ personally.

Homer J. Farr
Ranger

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CASA GRANDE NATIONAL MONUMENT
COOLIDGE, ARIZONA

June 25., 1948.

MEMORANDUM for the Regional Director,
Region Three.

There follows the narrative report for Casa Grande National Monument for June, 1948.

General: The water situation and the heat seem to be the main topics of conversation, and both promise to get much worse. The new Coolidge radio station which we reported would be in operation the first of June, still hasn't gone on the airbut it should in the near future. Our fears of an acute shortage of electricity haven't been realized as yet but there is still a lot of summer left.

Weather: The weather has been getting steadily warmer with over half of the days of June over 100 degrees F. and the others had enough humidity to be uncomfortable. The maximum temperature was 107 with a high minimum of 65 and a low minimum of 51.

Visitors: June 1948 - 1944: June 1947 - 1905. Travel year to date 1948 - 32,154; Travel year to date 1947 - 29,733. This is a gain of 39 over June of last year.

Interpretive Services: Of the 1944 visitors to the area, 1,211 made the ruins trip in 156 groups, averageing 44.7 minutes per trip. 733 people were here for a quick look but did not make the ruins trip.

Administration and protection: The Adamsville site was checked for trespassing and vandalism and the warning signs still appear to be doing their job. Twelve letters requesting information were answered, including one from an amateur falconer who wanted to "quietly remove" our four young sparrow hawks from the nest in the ruins and train them, promising to give them a good home and loving care.

NPS Visitors and Visitors of Note: Regional Architect Saunders was in to check our rehabilitation work. On June 11, Dr. Erik Reed was here with a group of students from Arizona State College at Tempe taking an extended tour of Compounds A, B and the Hohokam Ball Court. On June 2, 56 members of the Maricopa 4-H club, state winner at the Tucson convention visited the ruins. Devereux Butcher, of the National Parks Association visited the ruins, so Casa Grande, one of our better known Monuments may get some mention in the next edition of "Exploring our National Parks and Monuments".

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CASA GRANDE NATIONAL MONUMENT

COOLIDGE, ARIZONA

June 20, 1960.

Superintendent, Fort Bowie National Monument,
Bowie, Ariz.

Dear Fritzie: Our monthly report for Casa Grande National Monument for June, 1960.

General: The warm attention and the hot weather seem to be the main topics of conversation, and both promise to get much worse. The sun continues still which may be expected until to be everything the first of June. Visit hours, on the average is about 15 minutes in the main dining. Our Cross of the Dead Director of Administration Service's trail project to get the trees in until a 2.5 or more 1.5.

Maintenance: Maintenance has been getting monthly mowing at the area and of the lawn at Casa Grande to Saturday 7. and the cleaning has already begun to be accomplishing. The station temperature was 117 with a high reading of 10 and a low reading of 70.

Visitors: Casa Grande - 1960. Casa 1960 - 1959. Travel plan to date 1960 - 10,000; Travel plan to date 1960 - 10,700. This is a loss of 6% over June of last year.

Interpretive Services: The 1960 visitors to the area, 1,000 made the trips to the ruins, averaging 4.7 minutes per trip. 700 people were here for a guide talk but did not join the other trip.

Administration and Operations: The Administration plan was executed for transporting the visitation and the working along with enough to be doing their job. Twelve interpretive interpretive talks concerned, visiting was from the weather Fairmont was helpful in "quickly moving" our from quarter house plus the work in the Park and their home, promising to give them a good home and living here.

Well Visitors and Visitors of Park: National Geographic Magazine is to be sent our photographing work. On June 14, Mr. Bill had an hour with a group of students from Arizona State College of Tempe trying to extended tour of Gunsight A, 2 and the Casa Grande Ball Court. On June 7, 8 of members of the Girl Scouts had with, their visitor at the Casa Grande visiting the ruins. Interview Jackson, of the Arizona Trade Association, visited the ruins, on June Tuesday, one of our Ranger Guide Interpretive and can have lunches in the most efficient of "Southern and National Park and Monuments".

Maintenance: On the night of June 16 our water pump motor burned up. Maintenance man Barnett discovered and extinguished the fire. The fire was apparently caused by the failure of the switches to operate properly. The heaters on the pump switch failed to operate and the thermal switch failed to cut out when the motor overheated. The motor had to be rewound and new switches installed. Recirculator pumps were purchased and installed in all of the coolers. This should cut down our water usage considerably and should help get us through the summer, although the water dropping is due to adjacent irrigation pumps rather than the small amount we use. Mr. Barnett checked the water level and it has dropped 10 feet since March. We still have about 30 feet left to go. Three of the residence roofs were painted and the outside trim and windows on quarters 2-5 were painted. The range in quarters 2-4 was overhauled and all new parts put in.

Mechanics Activities: General repairs were made on the following equipment:

Area From.	Equipment.
Casa Grande Nat'l. Mon.	Ford Dump Truck
	Chevrolet Pick up
	Building and Shop Maintenance
	Painting and Repairs of Utility area
	Water pump and Sewage pump
	Oil barrel rocker stand
	Repair roof of quarters 5

Nature Notes: The night blooming cereus bloomed on June 14 and several blossoms were still in good condition at 9:00 the next morning, so they apparently weren't bothered too much by insects.

Leaves Taken: Maintenanceman Barnett returned from annual leave on May 28. Mechanic Stonehocker has been on sick leave since June 25 due to a strained back.

Trips Taken: Mechanic Stonehocker went to Phoenix for pump parts on June 18. Custodian Bicknell went to Phoenix on June 24 for parts for the two tractors.

A.T. Bicknell,
Custodian.

Maintenance: On the night of June 22 our water pump motor burned up. Maintenance men barely discovered and extinguished the fire. The fire was apparently caused by the failure of the bearings to remain aligned. The bearings on the pump motor failed by operator and the Electrical Helper failed to cut out when the motor overheated. The motor bill is in process and our actions negligible. Underwater pumps were overhauled and installed in all of the cookers. This should not have our motor burns sufficiently and should help us through the winter, although the motor trouble is due to primarily inadequate pump motors. Mr. Barrett stated the motor burnt out in the cooper at that place first. We still have about 20 that left to go. There is the problem that many petals and the crucible tips are broken on cookers 5-6 have petals. The plug in cooker 5-6 was replaced by all has probably not is.

Inspection Activities: Numerous reports were made on the following equipment:

Area Foss.	Equipment.
Pump Shop is Not'l. Not.	Foot Long Crane Elevator Plan up Building and Shop Maintenance Painting and Repairs of Utility area Crane Pump and Damage pump All Barrel Rocker stand Repair roof of quarters 3

Future Repair: The motor Electric motors flooded on June 24 and burned. Cookers now with is good condition at 8:00 the next morning, so they apparently never's failure's but such by Inspector.

Pump Tubes: Mr.Thompson formerly pointed from sinkers least on my job. Inspector Thompson the that is air Jets pipes that 20 due to a storage tank.

Price Tubes: Indonia Construction work is Tuesday for pump price on June 16. Installing Barrell water to Plumbs in June 25 for price for the inspector.

L.C. Gibbons.
Inspector.

Chaco Canyon National Monument
Bloomfield, New Mexico
June 27, 1948

MEMORANDUM for the Regional Director, Region Three,
National Park Service.

There follows the report of activities in Chaco Canyon National Monument for the month of June, 1948.

There was a total of 220 visitors to Chaco Canyon this past month. They came from the states of:- Arizona - 1 car, 2 visitors; California - 8 cars, 23 visitors; Colorado - 7 cars, 33 visitors; Florida - 1 car, 2 visitors; Indiana - 1 car, 2 visitors; Iowa - 1 car, 4 visitors; Maryland - 1 car, 3 visitors; Massachusetts - 1 car 6 visitors; Michigan - 1 car, 2 visitors; Nebraska - 1 car, 5 visitors; New Mexico - 36 cars, 129 visitors; Ohio - 1 car, 4 visitors; Pennsylvania - 1 car, 1 visitor and Texas - 1 car, 4 visitors. These people formed 51 ruins trips with a total of 235 persons (some Boy Scouts made more than one trip), and 40 museum parties with 179 persons. The time spent with them was divided as follows:- Ranger Cram - 40 hours, Ranger Maxson - 13 hours and 45 minutes and the custodian - 28 hours and 20 minutes.

The coolest this month was 41 degrees on the 5th and the warmest was 95 degrees Fahrenheit on the 10th of the month. There was a total precipitation of 1.10 inches.

The approach roads have remained dry for the greater part of the month. Last week, one of the new graders spent three days on the short stretch between here and Seven Lakes. We are finally getting some action. Several days ago, a transient grader came by the Monument, and it was found that it was to be here idle for 36 hours. The Trader put his own gas in it, climbed aboard and graded the road out north!

The Monument roads have been worked over by the Soil and Moisture grader and have had other work done upon them. The spillway next to the bridge is working in fine fashion. If it does not rain in the next few days, we will finish the fiscal year with the roads in good shape.

Soil and Moisture job number 882 was continued this month. Several thousand tamarisk were hauled to the mesa and placed in strategic points in an effort to retard erosion.

Some revetments were repaired with the remaining money in Soil and Moisture project 884 job 15.

The Gallup Chamber of Commerce sent the first of its sponsored tours to Chaco yesterday. The Chamber plans to send regular tours throughout the summer.

A fire training program was conducted one morning to acquaint the men with the fire extinguishers, fire tools and fire procedure and prevention. Twenty-four men attended.

Harmon D. Maxson reported for duty as temporary ranger on June 16. This is his first National Park Service experience. He is working hard and enjoying his work.

No radio contact with El Morro National Monument was made. The aerial broke, so that it was necessary totake down the towers. Before they were replaced, they were painted.

National Park Service visitors included Assistant Regional Director and Mrs. Davis, Superintendent and Mrs. Bryant, Architect and Mrs. Saunders and Dr. Jesse L. Nusbaum.

The 4000 gallon water tank, which was brought in last fall and assembled, was caulked and connected. Nevertheless, many leaks developed, but we are gradually finding them. When we first put the water in, the little Dutch boy who put his finger in the dike would have had a tough time for lack of enough fingers.

The new automatic water heater was installed and is functioning perfectly. The custodian appreciates it, but not nearly so much as the HCMP.

Dr. Paul Reiter, of the University of New Mexico, was out on the 5th and 6th to pick up some equipment from the Summer School for camps being held elsewhere.

The Trader reports th t rugs are coming in very slowly this month, but that his general sales are holding up very well. He proudly states that he has just bought and insta led a Security Account Register, which is a better method of keeping books than he has had in the past and it makes for better satisfied customers.

Projects for the ensuing month: find the rest of the leaks in the tank (there are only about 800 bolt holes besides seams, etc!!), finish with the Soil and Moisture jobs. Initiate repairs on the residence and office.

There follows the report of Archaeologist Gordon Vivian.

Irving McNe l, Jr.
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Chaco Canyon National Monument
Bloomfield, New Mexico
June 25, 1948

19

MEMORANDUM for the Custodian,
Chaco Canyon National Monument.

There follows the narrative report of Mobile Unit activities in your area during June 1948.

Working conditions have generally remained good except that the sand storms are a little thicker than usual at this time of year. One half day was lost to rain. The squaw dance season is with us again and as was expected a few of the crew have never returned from the first one. The Navajo Police are doing a fine job this year in policing these often drunken brawls and as a result of their good efforts our best truck driver is spending 15 days in the Fort Defiance jail.

All of the bids put out for cement were refused but we have been able to beg enough on the open market to keep the concrete work going. Four trips have been made out to Gallup and Durango for cement and freight. Another trip was made to Farmington to tow the Chevrolet dump truck in for clutch and transmission repairs. An additional four trips were made to the San Juan for sand and gravel and two loads of poles for the revetment east of Chettro Kettle were hauled from Otis.

Raymond Rixey took five days annual leave, May 28th to June 4th. I took one day on the 16th.

The major project of last month, the repair of the north half of Kiva G, was completed during the first week of the report period.

The remainder of this month at Chettro Kettle was spent in the central area of flood damage -- where the water entered the ruin through rooms 45 and 46.

The overhanging and broken sections of the long south walls of 36 and 37 , the walls which retain all of the fill against the north half of kivas G and H, were taken down and rebuilt with reinforced horizontal members. Forty two man days were expended here.

The north exterior wall of the ruin where it was reduced below ground level was cleaned up, shattered sections removed and the central part of the break relaid to a level just above the present outside surface. Partition walls of rooms 44,45, 46 were brought up to buttress the repaired section.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL MONUMENT
Chaco Canyon National Monument
Bloomfield, New Mexico
June 27, 1948

MEMORANDUM for the Superintendent,
Chaco Canyon National Monument.

There follows the narrative report of Mobile Unit activities in your area during June 1948.

Working conditions have generally remained good except that the sand storms are a little thicker than usual at this time of year. The hail day was lost to rain. The square dance season is with us again and as was expected a few of the crew have never returned from the first one. The Navajo Police are doing a fine job this year in policing these often riotous brawls and as a result of their good efforts our best truck driver is spending 15 days in the Fort Defiance jail.

All of the bids put out for concrete were refused but we have been able to beg enough on the open market to keep the concrete work going. Four trips have been made out to Gallup and Navajo for cement and freight. Another trip was made to Farmington to tow the Chevrolet dump truck in for clutch and transmission repairs. An additional four trips were made to the San Juan for sand and gravel and two loads of poles for the revetment east of Shutter Kettle were hauled from Cuba.

Raymond Riney took five days annual leave, May 24th to June 4th. I took one day on the 16th.

The major project of last month, the repair of the north half of Five A, was completed during the first week of the report period.

The remainder of this month at Shutter Kettle was spent in the restoration of flood damage -- where the water entered the pueblo through rooms 45 and 46.

The overhanging and broken sections of the long south walls of 36 and 37 , the walls which retain all of the fill against the north half of kivas G and H, were taken down and rebuilt with reinforced horizontal members. Forty two man days were expended here.

The north exterior wall of the room where it was reduced below ground level was cleaned up, shattered sections removed and the central part of the break relaid to a level just above the present outside surface. Partitions walls of rooms 44,45, 46 were brought up to the heights the reported sections.

All retaining walls and buttress sections are laid in reinforced concrete mortar; those which will recieve less thrust, in soil-bitumen.

In this immediate area there still remain to be laid support sections for the ends of the two and a half story exterior wall, room 46.

FLOOD CONTROL::

The Soil and Moisture job # 16 is being brought to completion. The diversion channel and revetment east of Chettro Kettle, reported some 50 percent complete last month was finished, with an enlarged crew, toward the middle of the month.

The total cut made for the diversion channel was 500 feet in length. It is 19 feet in width with a maximum cut of 2.7 feet. Average cross sectional area is 43.7 square feet.

The rock and wire revetment on the east side of the channel is 260 feet long with a double row of posts every 4 feet. Rock fill between the posts is 3.3 feet wide and total depth of the rock filled basket 4 feet with an average of two thirds of the basket below the channel bottom.

The low area north east of Chettro Kettle where water ponded during the flood was drained with a channel 243 feet in length to empty into the new cut on the east. Most of the material from this work was hauled some 200 feet westward to fill the lowest area of the pond and to build an earth dike between Chettro Kettle and the cliff at the north east corner of the ruin. The dike is completed and is being covered now with rock filled rubble to prevent it from blowing.

Gordon Vivian
Archeologist

CHIRICAHUA NATIONAL MONUMENT
Dos Cabezos, Arizona

June 26, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chiricahua for June.

Weather Conditions. Weather continues to be dry and windy. .01 inch of rain was recorded on the 8 th. accompanied by our first large scale lightning storm.

Inspections. Forester Ratcliff spent the 25th and 26th of May at Chiricahua inspecting fire fighting equipment.

Maintenance. In addition to our current general maintenance, our 3 KW light plant was overhauled by Operator Marble: the second time in six months. Approach road signs were repainted, several moved, and some replaced. Approximately ten man days were spent on the telephone line, changing the section from Headquarters to Paradise through the heavy timber from a metallic to a grounded line. It is hoped that this experiment will give us good service and prevent the line going out every time a limb or tree falls on it. A new telephone was received and installed in Ranger Ringenbach residence.

Approach Roads. The work on the approach road from Douglas off Highway 666 is progressing rapidly and should officially be opened the latter part of July. Gravel and oil have been laid to a point about 5 miles from the monument boundary, two thirds of which has been totally completed by seal coat and dust palliative. Other entrance roads remain in poor condition, dusty and rough.

Interpretive Service. Thirty three members of the Workshop Group of New Mexico were given a conducted tour of two hour duration on the 15th.

Travel. Travel fell slightly below that of June of 1947 but increased over that of last month. 1,371 visitors overlooked the poor approach roads to enter Chiricahua, 1,190 of whom were given interpretive service.

Forest Fire Protection. 3,000 acres of grassland and chaparral were destroyed by fire on May 27 on Forest Service land located some thirty miles east of the monument boundary. Terrific high winds made control difficult and an estimated 250 fire fighters were employed.

EXECUTIVE WEEKLY MEMORANDUM
Joe Jabsco, Inform

June 26, 1949

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Chilakabu for June.

Weather Conditions. Weather conditions in the dry and windy
tion of rain was recorded on the 3 in. accumulation in one fierce
scale lightning storm.

Inspections. Forester Bellitt spent the 15th and 16th of May
at Chilakabu inspecting fire fighting equipment.

Maintenance. In addition to our current general maintenance,
our 3 KW light plant was overhauled by operator Martin. The bunks
time in six months. Numerous road signs were repainted, several moved,
and some replaced. Approximately ten new lays were added to the
telephone line, connecting the ranger headquarters to Ventile
through the heavy timber from a junction on a crossed line. It is
hoped this single overnight will give us good service and prevent the
line guys not every time a limb or tree falls on it. A new telephone
was received and installed in Ranger Higginbot residence.

Approach Roads. Up-hill on the approach road from Jungles off
Highway 604 is progressing rapidly and should efficiently be opened the
latter part of July. Travel and oil have been laid for a point about
3 miles from the monument boundary, but thinks of filling has been
totally completed by said road and dust palliative. Other matters
remain in poor condition, dusty and rough.

Interpretive Service. Thirty three members of the Hawkeye Group
of Boy Scouts were given a conducted tour of two hour duration on the
12th.

Travel. Travel fell slightly below that of June of last year in-
creased over that of last month. 1,872 visitors overlooked the pro-
posed roads to water Chilakabu, 1,140 of whom were given interpre-
tive service.

Forest Fire Protection. 3,000 acres of grazing and chaparral
were destroyed by fire on July 27 on Forest Service land located some
thirty miles east of the monument boundary. Terrific high winds made
control difficult and so estimated 250 fire fighters were employed.

The Custodian spent a half day aiding the Forest Service fight a small lightning fire some 200 yards outside the monument's southeast boundary. Area burned was less than a half acre.

Special Activities. A trip was made to Lordsburg by the Custodian on the 5th for surplus fire extinguishers to be distributed through the Region.

Personnel. Lewis Roscoe Hoffacker assumed the temporary ranger duties on June 17. We're glad to have Lew back again this summer.

Water System. Two potential spring sites were cleaned out and flow readings are being taken at the present time.

Clair V. Cooke

Clair V. Cooke,
Custodian.

The Dartmouth spent a half day sighting the Sprout Service light: small lighting fire some 400 yards outside the monument's southeast boundary. Area burned was less than a half acre.

Special inspection. A trip was made to Gettysburg by the Director on the 5th for surplus fire extinguishers to be distributed through the region.

Personnel. Lewis Brown Infantry assumed the temporary ranger duties on June 17. He's also to have been spare this summer.

Water system. Two potential spring sites were cleared out and flow readings are being taken at the present time.

Alan T. Drake,
Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

El Morro NATIONAL MONUMENT

Ramah, New Mexico

July 26, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in El Morro National Monument for the month of June, 1948.

WEATHER: The unusual amount of precipitation, 2.96 inches, has brought out an abundance of green grass and flowers and the whole country looks like it normally does in mid-July. Maximum temperature reached 89 degrees and the minimum dropped to a near freezing of 34 degrees.

TRAVEL: For the fiscal year of 1948 there is shown a decrease in travel of 13% and also a decrease of 30% for the travel year to-date. These decreases can be attributed to the very heavy snows which made our roads impassable to most tourists during four months of winter. This month's travel show an increase of two visitors over the same period last year. During the report period, from 21 states and two foriegn countries came 361 visitors in 113 cars. The tour of the inscriptions was made 350 people and 11 people came for information only

APPROACH ROADS: Both roads were graded by county and state graders and are in, what we term, excellent condition, although the tourist doesnt agree with us. Line and grade stakes are coming up like asparagus between Ramah and the Ice Caves, but there is no definite dope on when or how much construction will be done this summer.

NPS Visitors: On May 31st. John & Ruth Aubuchan with their daughter and son-in-law arrived and made a flying tour of the inscriptions. We hope next time they come they will have a little more time. Kenney & Elsie Saunders arrived shortly after John & Ruth's departure and I prolonged the inspection of the Rehabilitation project so we had them trapped for lunch. On June 21st. Mr. & Mrs John Davis and daughter Ann arrived and spent the night, but after the rough treatment they received I dont think they will ever want to return. Mr. Davis suffered a wrenched back, painful insect bites and all spent a sleepless night getting in and out of the rain. We are sorry all this had to ha pen at El Morro and promise to hide all wheelbarrows, DDT the whole area, and have the weatherman on the ball next time.

PERSONNEL: O n June 14th. Stanley R. Swatzell , entered on duty as Seasonal Ranger. With his help I hope to get all reports in on time for a change.

GENERAL: Besides attacking reports a great deal of outside work has been done, ie. wiring of the Ranger Cabin, pouring of concrete blocks for the two generators, setting one generator and poles plus the s stringing of wire from both houses to generator, cleaning of chlorine tanks and in the middle of all this the custodian found time to take five days annual leave.

Number of copies of free publications on hand as ofthe end of June, 1948.

2-fold Spanish Edition----------3725

2-fold English Edition---------- 520

16-Page Booklet----------6439

Bates E. Wilson,
Custodian;

PERSONNEL: On June 14th, Stanley E. Tuckwell, entered on duty as Seasonal Ranger. With his help I hope to get all reports in on time for a change.

GENERAL: Besides attending reports a great deal of outside work has been done, ie. wiring of the Ranger Cabin, pouring of concrete blocks for the two generators, setting one generator and poles plus the stringing of wire from both houses to generator, cleaning of concrete tanks and in the middle of all this the unfortunate found time to take five days annual leave.

Number of copies of free publications on hand as of the end of June, 1948.

3-fold Spanish Edition----------[illegible]

3-fold English Edition---------- [illegible]

16-page Booklet----------[illegible]

Peter A. Nilson,
Superintendent.

GRAN QUIVIRA

GRAN QUIVIRA, NEW MEXICO

JUNE 25 48

MEMORANDUM for the Regional Director, Region Three.

The following is a report of activities at Gran Quivira for the month of June, 1948.

General. Rains during late May revived the farmers' hopes for a bumper bean crop. Beans in the vicinity are up and look good. Heavy winds on June 21 "sanded out" several hundred acres around Claunch, and did some damage in this area.

Weather Conditions. Favorable. Rain for the period totalled 1.50 inches. A maximum of 94° was recorded on June 16 and 17; a minimum of 39° on May 27.

Special Activities. The custodian was in the Regional Office June 8 & 9 discussing Monument business. War Assets plumbing fixtures were picked up at Bruns.

On June 14 & 15 we visited Carlsbad Caverns National Park.

June 20 to 22 to Big Bend National Park on a fire call.

Maintenance. On May 26-28 a plasterer from Mountainair replastered the living room. It was necessary to remove the plaster down to the scratch coat, as the previous finish coat applied when the house was built, was too soft to hold a refinish.

On June 18 the pin which holds the intake valve on the deep-well pump broke. This allowed the valve to go inside the cylinder where the piston promptly made a pretzel out of it. On June 19th the custodian spent the day canvassing Albuquerque for new parts, but with no luck as Corbers who formerly handled Witte engines gave up the agency in 1941. An order was forwarded to the factory in Kansas City, but no reply as yet.

On June 14 Ranger Steel, White Sands, delivered the old White Sands contact station to Gran Quivira. This will be converted to a storage shed as soon as possible, and should alleviate some of the present congestion.

FOREST SERVICE

CONE RANGER, NEW MEXICO

June 30

MEMORANDUM for the Regional Ranger, Region Seven.

The following is a report of activities on Cone Ranger for the month of June, 1948.

General. Rains during late May revived the farmers' hopes for a bumper bean crop. Beans in the vicinity are up and look good. Heavy winds on June 21 "sanded out" several hundred acres around Clovis, and did some damage in this area.

Weather Conditions. Favorable. Rain for the period amounted 1.30 inches. A maximum of 94° was recorded on June 16 and 17; a minimum of 38° on May 27.

Special Activities. The overhaul was in the Regional Office from 4 & 5 discussing management business. Our assets planning figures were picked up at Cone.

On June 14 & 15 we visited Carlsbad Caverns National Park.

June 20 to 22 to Big Bend National Park on a fire call.

Maintenance. On May 28-29 a plasterer from Mountainair replastered the living room. It was necessary to remove the plaster down to the scratch coat, as the previous finish coat applied when the house was built, was too soft to hold a surface.

On June 18 the pin which holds the intake valve on the deep-well pump broke. This allowed the valve to go inside the cylinder where the piston promptly made a pretzel out of it. On June 19th the overhaul part the day convalescing albuquerque for new parts, but with no luck as Cortez who formerly handled Mitts engines pave up the agency in 1941. An order was forwarded to the factory in Kansas City, but no reply as yet.

On June 14 Ranger Stoel, White Sands, delivered the old White Sands contact station to Cone Ranger. This will be converted to a storage shed as soon as possible, and should alleviate some of the present congestion.

The same rains that brought the beans up have greatly encouraged the weeds in the Mission, necessitating another burning this month.

Repair and Rehabilitation. Not much was accomplished on repairing the old custodian's residence due to lack of funds and difficulty in securing a plumber. Plumbing rough-in should, however, be completed this week.

Approaches to Monument. Maybe election year has no bearing but the road to Mountainair was graded twice this month. The Carrizozo approach has not been worked but is in fair shape.

Interpretive Service. 51 parties totalling 186 people were guided through the ruins. Average trip time 44 minutes.

Increase or Decrease in Travel. There was a noticeable increase in cars entering the Monument this month as compared to last year; however, they brought only 5 more people. Travel for the year remains below that of last year.

	CARS	VISITORS
June 1948	85	266
June 1947	69	261
Increase	16	5
Percent Increase	23.2	1.9
This Travel Year	378	1116
Last Travel Year	420	1438
Decrease	42	322
Percent Decrease	10.0	22.39

Visitors. Joe & Betty Toulouse on June 20

Forest Fire Protection. A trip to Big Bend on June 20-22. The fire was OK when we arrived.

Building Fire Protection. Fire extinguishers were recharged this month and enough more ordered to adequately protect the buildings.

William L. Bowen,
Custodian.

The same rain that brought the lawns up have greatly encouraged the weeds in the division, necessitating another hurried trip work.

Repair and Rehabilitation. Not much was accomplished on repairing the old restaurant's residence due to lack of funds and difficulty in securing a plumber. Painting rough-in should, however, be completed this week.

Approaches to Monument. Maybe election year has so beaten out the road to Monticello was graded twice this month. The Vertiness monument has not been moved but is in fair shape.

Interpretive Service. 21 parties totalling 124 people were guided through the ruins. Average trip size 44 minutes.

Increase or Decrease in Travel. There was a noticeable increase in cars entering the Monument this month as compared to last year however, they brought only 3 more people. Travel for the year remains below that of last year.

	June	Year to Date
June 1948	88	574
June 1947	69	581
Increase	19	7
Percent Increase	27.5	1.2
This Fiscal Year	574	1115
Last Fiscal Year	490	1128
Decrease	42	13
Percent Decrease	12.0	12.0

Visitors. Joe & Betty Foulkes on June 20

Forest Fire Protection. A trip to Mt Hood on June 22-23. The fire was out when we arrived.

Building Fire Protection. Extinguishers were recharged this month and enough more ordered to [illegible] the buildings.

William L. Bowen,
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
GREAT SAND DUNES NATIONAL MONUMENT
MOSCA, COLORADO

June 27, 1948

MEMORANDUM for the Regional Director,
Region Three.

There follows the report of activities in Great Sand Dunes National Monument for June, 1948.

WEATHER. Still remains most unusual for this report period. The grass has finally turned green and all vegetation is thriving with the excessive amount of moisture. The San Luis Valley is still flooded with water, but the flood tension has lessened since the Rio Grande River is lower and within its banks.

The Medano continues to run at its high clip and out-of-state visitors think a bridge should be constructed to allow them to reach the sand dunes with dry feet. However, they are most enthusiastic about the area and the fun they had when they went wading, and come back to headquarters to wash off the accumulation of sand between their toes.

A minimum of 34 degrees was registered on June 20. The maximum of 85 degrees was reached on June 6 and 16. The high minimum was 53 degrees on June 17. The low maximum was 46 on June 19, when a severe hail storm struck and dropped the mercury from 76 to 46 in less than an hour.

Snow fell on June 22, melting immediately at headquarters, but recovering the Sangre de Cristo Range. Rain fell on May 31, June 2,7,11, 19 and 22; hail storms on May 31 and June 19.

There were 9 partly cloudy days, 8 cloudy days and 14 clear days. The wind blew very strong on 9 days.

Too much water is as bad as not enough and we will exchange Colorado rain for Arizona sunshine, (At present).

TRAVEL. One thousand nine hundred fifty-six visitors in four hundred seventy-six cars visited the Sand Dunes during this report period. Thirty states and the District of Columbia were represented. Eight hundred twenty-six people took advantage of our picnic areas and of these, ninety-one people camped over night.

TRAVEL FOR THE FISCAL YEAR. Figures for this fiscal year are much higher than anticipated. 1948: Cars, 3,948; Visitors, 15,989; Visitor days, 24,400. 1947: Cars, 2,496; Visitors, 10,790; Visitor days, 12,831.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible]

[illegible]

June 27, 1940

[illegible] for the Regional Director,
Region Five.

Here follows the report of activities in Great Sand Dunes National Monument for June, 1940.

Weather. Weather was normal for this report period. The grass has finally turned green and all vegetation is thriving with the exception of cottonwoods. The lake behind the dam is still flooded with water, but the flood waters has receded across the Rio Grande River in Lower and within its banks.

The Dunes continues to run at its high clip and pre-season visitors when a count should be conducted by mid-July they be ready for the mad rush with try that. However, they are most enthusiastic about the area and the fact that also they need work, and come back to headquarters to ask off the accomplishing of most between their tours.

A minimum of 14 campers was registered on June 6th. The minimum of 21 campers was reached on June 8 and 12. The high minimum was 60 campers on June 17. The low minimum was 40 on June 18, when a severe hail storm and lowered the minimum from 75 to 40 in less than an hour.

Rain fell on June 20, making immediately an undertaker. But recovering the Dunes do dirty job. Rain fell on May 21, from 7.7.11, 12 and 27; hail storms on May 21 and June 18.

There were a partly cloudy days, 4 cloudy days and 12 clear days. The wind blew very strong on 2 days.

The main water is so hot so not enough and so cold swimming months was for swimmers remaining. (In process).

Visitors. The Superior also handled 27,7-visitors visiting in four hundred seventy-six visited the Sand Dunes during this report period. Thirty visitors and 1% visitors of Colorado were registered. Eight hundred twenty-six people took advantage of our picnic area and of these, eighty-one people remain over night.

Visitors for the Fiscal Year. Figures for this fiscal year are much higher than anticipated. Last year, 2,942; Visitors, 12,300; Visitor days, 16,400. 1937; Year, 2,450; Visitors, 10,700; Visitor days, 12,000.

DECREASE IN TRAVEL. There is a decrease of twenty-seven visitors in comparison with this report period of a year ago. For June, 1947, there were 427 cars and 1983 visitors. This reduction in visitors was due entirely to the poor condition of the approach roads.

CONTACT. Contact was carried on during week days as work permitted and also on Sundays, as has been the custom.

Three hundred fifty-seven cars were contacted, with a total of one thousand five hundred five visitors. An average time of ten minutes was spent with each contact, amounting to fifty-nine hours and thirty minutes.

ROADS. The approach road was last graded on May 28. The machine broke down and has been ever since in the shop awaiting repairs. Hence the road is, like last year, in very poor condition. The dry sections are full of chuck-holes and the wet sections have bogged down many a car.

One mud hole turned back many visitors, who later returned to the Sand Dunes via the Blanco road. This is rough but passable.

One irrate visitor from Tennessee stormed into the Alamosa Chamber of Commerce and aired his views on the monument approach road. Mr. Wilbur Foshay wrote of this incident in a letter to me and requested a weekly report on the road condition. This will be done, but how much easier for everyone if the road were repaired and kept at least in fair condition.

The monument road from the entrance sign to headquarters was dragged with the rail-section drag and visitors have commented that the road is good. However, the road to the lower picnic area is in its usual poor condition. A load of gravel was hauled to a bad sandy spot in this area.

Weather has little affect upon our travel, but we know by the number of cars coming in the morning, just how conditions are on the approach road.

WE'RE LUCKY. From an article in the Rocky Mountain News, dated Alamosa, May 25. "A search was launched today for an insane man who tried to parachute over sand dunes near here while on a flight with pilot Norman Kramer. Kramer said the passenger paid a fare from here to Denver Sunday and sat with the pilot. While in mid-air the man attempted to parachute over the sand dunes, Kramer said. He kept his passenger aboard until reaching Pueblo where he made an emergency landing. Police believe the unidentified passenger was an insane man who escaped from Monte Vista."

NEWSWORTHY VISITORS. The Monte Vista Girl Scout Troop of thirty, out for a picnic on May 27. The University of Kansas, Geology Class on field trip with forty members, who camped over night.

[illegible] IN FRONT. There is a decrease of twenty-seven visitors in comparison with this report period of a year ago. For June, 1947, there were 627 cars and 1880 visitors. This reduction in visitors was due entirely to the poor condition of the approach road.

CONTACT. Contact was carried on during most trips as was permitted but also on Sundays, as has been the custom.

Three hundred fifty-seven cars were contacted, with a total of one thousand five hundred five visitors. An average time of ten minutes was spent with each contact, amounting to fifty-nine hours and thirty minutes.

ROADS. The approach road was last graded on May 30. The machine train came and has been over alone in the area, graveling regularly. Until the road is, in very poor condition. The dry weather has kept dust down-hill and the wet weather has helped them many a rut.

One mud hole turned back many visitors, who later returned to the Sand Dunes via the Blanco road. This is rough but passable.

One little visitor from Tennessee claimed like the Lincoln Monument of Gettysburg was first his view on the monument approach road. Or, either during visits of this inclined in a letter to us and requested a yearly report on the road condition. This will be done, but too much water for everyone if the road were repaired not just at least in fair condition.

The monument road from the entrance gate to headquarters was dragged with the rail-dragging crew and visitors were convinced that the road is good. However, the road to the lower picnic area is in the usual poor condition. A load of gravel was hauled to a bad mudy spot in this area.

Weather has little effect upon our travel, but is shown by the number of cars crossing in the morning. Just how conditions are on the approach road.

VISITORS. From an article in the Long Beach Press, Long Beach, Oregon, May 15. "A search was launched today for an Illinois man who hiked to Cape-Cole yer and Cape Lost Lake while in a flight with Lint Wilson Airmen. Trumer said the passenger bail a fire from here to lower Long and and with the pilot. While in mid-air the man attempted to parachute over the sand dunes, Trumer said. He left his passenger about until realizing fully this is made an emergency landing. Trumer believes the inconsiderate passenger was an Illinois man who enjoyed the Sand Dunes Visit.*

[illegible] VISITORS. The Sand Visit Dunes Troop of Scouts, out for a picnic on May 30. The University of Oregon, Junior Class on field trip with forty members, who camped over night.

COMPLAINTS. Many verbal complaints about road conditions and indirect complaint from visitor to the Alamosa Chamber of Commerce.

Few complaints on lack of public restrooms at headquarters from May 26 to June 7.

WILDLIFE. The tick season seems to be slacking. However, the gnats and mosquitos are steadily increasing. Most wild-life remains under cover. The first Western Tanager ever observed at this area, showed up the morning of June 23.

CORRECT FACTS. A short piece in True Magazine under Truely Yours, sets the facts straight about Michigan's sand dunes and Colorado's sand dunes. Figures supplied by the Washington Office. Oh yes, White Sands is mentioned too.

ARTICLES. Pictures and articles on Great Sand Dunes appeared in the Rotogravure of the following papers: Milwaukee Journal, Cleveland Plain Dealer, Minneapolis Tribune, Philadelphia Inquirer and the Denver Post.

PUBLICATIONS. The Colorado W.P.A. Guide books were received after being on order for nearly seven months. Eighty copies of Poisonous Dwellers of the Desert were returned to the SWNM Association as they were not selling here, and it was understood other areas were sold out.

BIDS. The Monte Vista Heating Company received the bid to supply this area with an automatic hot water heater. It has not yet been delivered.

Since "There is no hope for the satisfied man", this custodian hopes someday to have an unfreezable water line and the HCWP speaks up for a propane stove. Then Life would be Beautiful!

Bids were sent to twelve prospective bidders in the San Luis Valley for sale of the Dodge 2x4 pickup. Glenn Curtis Chevrolet Co., of Monte Vista was the successful bidder with a price of $527.75. He will probably take possession of the car early in July.

ACTIVITIES. Usual routine duties, including hauling of gasoline, wood, ashes, garbage, and etc. Office matters were kept current.

Weekly check-up made on both light plants. Weekly clean-up of both picnic areas is usually a major day's job, especially when visitors play with the 55 gallon barrels which serve for garbage and debris. One barrel was rolled out into the Medano and "stuff and things" were scattered to---- and gone.

The office windows and doors were painted on the interior.

Several days were spent on road work and painting signs to be placed along road and at picnic areas.

The toilets were installed in the public rest-rooms at headquarters on June 7. The next day was spent in working over the childish plumbing job on the hand bowls. The installation of the toilets, incidentally, was a major job because of the enormous amount of lead that had been used on the stands of the previous bowls. This had to be chisled out carefully.

The storage barrel for the fuel oil for the furnace was placed in the light plant room and hook-up was completed with half inch copper tubing. Furnace was tested and functioned o.k.

The walls of the two bedrooms in the residence received a coat of paint which covered the damage done to walls in the installation of the furnace. The front hall was also painted.

Floors in both bedrooms were painted a tile green which is a decided improvement over "rest-room" gray.

A trip was made to Monte Vista for the extra parts of furnace, such as grates, etc. In case of fuel oil shortage, the furnace can be changed over to coal.

The oil stove in the office was cleaned and repaired after it ceased to function properly.

The settling tank on the water supply system was cleaned again and less sand is caught in the kitchen sink filtering device.

Cleaned and rearranged tool storage shed. The hail storms damaged the paper roof on this shed and it was given a coat of Zone roofing compound.

A coating of Zone was put around the chimneys of the office building in an attempt to stop leaks in the ceiling which occur after heavy rains.

The generator on the Dodge pickup was successfully repaired. This was a lucky break, as there are no longer any such parts on the market.

PROJECTS FOR THE ENSUING MONTH. Continue painting interior of residence as time permits, touch-up painting on exterior woodwork of residence, more road work and continue to contact visitors on Sundays and during week as work and time permits.

Ted C. Sowers,
Custodian.

Tourist lodge rates would be good and very and publication signs to be placed along road and at public areas.

The toilets were installed in the public rest-rooms at headquarters on June 7. The work day was spent in moving over the existing plumbing fixtures to the best levels. The installation of the toilets, incidentally, was a major job because of the enormous amount of lead that had been used on the plants of the previous basis. This had to be dissolved and overhauled.

The storage tanks for the fuel oil for the furnace was placed in the light plant room and boiler-up was completed with half-inch copper tubing. Furnace was tested and functioned o.k.

The walls of the two bathrooms in the residence received a coat of paint which covered the damage done to walls in the installation of the fixtures. The first hall was also painted.

Floors in both bathrooms were painted - this gives which is a certain improvement over "tent-room" grey.

A trip was made to Rocky Ridge for the extra pails of lacquer, and as paint, etc. In case of fuel oil shortage, the furnace can be changed over to coal.

The oil stove in the office was cleaned and repaired after it passed to Faculty property.

The walking beam on the water supply system was cleaned again and lime and is bought in the kitchen sink fitting shelves.

Cleaned and varnished bed springs done. The bell strips dropped the paper roof on this dead end it was given a coat of lime whiting compound.

A meeting of Jane was put around the chimney of the office building in an attempt to stop lemon in the ceiling which occur after heavy rain.

The generator on the bridge plant was repaired. This was a heavy break, as there was no longer any work parts on the market.

Progress for the month ahead. Continue painting interior of residence as time permits. Continue painting on exterior sections of residence. More road work [illegible] in outside utilities as Ranger and Rangerette [illegible] as work permits.

Yours,
[illegible]
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Montezuma Castle National Monument
Camp Verde, Arizona

June 24, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows the monthly report of activities at Montezuma Castle National Monument for the month of June, 1948.

Visitors this month to Castle and Well - 3021. This travel year to date - 16,345.

Administration During the fiscal year we have had 20,437 visitors to Montezuma Castle with 7680 through the Castle. From them we collected $1883.75 in fees and taxes. These figures do not include visitors to Montezuma Well. Travel for the fiscal year is more than 10 per cent above the figure for last year.

Beginning on May 27 and continuing through June 9 we were obliged to discontinue offering a guided trip at 8:00 A. M. Since June 10 with the help of our temporary ranger, we have been able to offer 9 hours of guide service each day including the noon hour and 5:00 to 6:00 P. M.

Ranger Leding was the only employee on duty May 31 which brought more travel than Decoration Day. Numerous visitors turned away disappointed when they could not wait their turn to climb in our parties of 9 visitors per hour.

On June 3 we got an emergency call to send fire fighting equipment to Camp Verde where Barkers store and filling station were being destroyed by fire. Later the same day Mrs. Hastings took some equipment to Camp Verde in our personal car to help suppress a brush fire.

Total book sales for the quarter amounted to $362.60. Total cash collected from these sales amounted to $340.90. Our nature trail booklet has been selling for 5¢. We tell visitors that the booklet is to be used as their guide on the nature trail. They may borrow it or if they wish to take it home, we ask a nickel to cover the cost of printing. Nearly everyone who uses the booklet pays for it.

Personnel Ranger Leding was on sick leave June 3.

Donald P. Jewell, a Navy veteran, reported for suty as temporary ranger June 8. He is a senior student at Arizona State College, Tempe and has had considerable archaeological experience. He quickly learned our routine and has since spent most of his time on visitor contact.

Repairs and Construction On May 20 E. G. Broughton, Cottonwood contractor,

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Sequoia Parks National Monument
Camp Nelson, California

June 24, 1964.

DIRECTOR, Pacific Regional Director, Region Four.

Here follows the monthly report of activities at Sequoia-Kings Canyon National Monument for the month of June, 1964.

Visitors this month to Parks was well - 2021. This overall year to date - 16,212.

Administration. During the fiscal year we have had 20,427 visitors to Sequoia Parks with 7,000 through the Parks. From them we collected 11089.75 in fees and terms. These figures do not include visitors to Mineral Kill. Travel for the fiscal year is more than 20 per cent above the figure for last year.

Registered on July 27 at Lodgepole during the 4 to 6 week period by discussions offering a guided trip at 4:00 p. m. Since that 20 with the help of our temporary ranger, we have been able to offer 2 hours of guide service each day including the noon hour and 4:00 to 6:00 p.

Ranger Lodge was the only employee on duty July 23 when Sequoia was closed that Conservation Day. Numerous visitors turned away disappointed when they could not walk down to Lodge in the parking of 2 visitors per hour.

On June 2 we put in emergency call to and from Fighting Equipment to Camp Parks where Sequoia Park and Fighting stations were being destroyed by fire. Later the same day the Ranger took some equipment to Camp Parks in our personal car to help suppress a brush fire.

Total book sales for the quarter amounted to $2112.00. Total sales collected from these sales amounted to $240.00. Our sales last month have been selling for $1. We tell visitors that the $1 is to be used as their guide to the nature trail. They may return it to if they wish to turn it back, we ask a signed to cover the cost of printing. Nearly everyone has paid the dollar for it.

Personnel. Ranger Lodge was on sick leave from 5.

Penalty, yearly, a Park ranger, reported for duty as temporary ranger June 5. He is a senior student at Antioch State College, Lodge and has had considerable professional experience. He quickly learned our problem and has also spent most of his time on visitor contact.

Lodge and Construction. On May 28 Mr. Brockman, Structural engineer,

started repair of the roof of the custodian's residence. The old roof and its 13 tons of earth insulation was removed and replaced with treated wood fiber insulation covered with a built-up roof. Work was completed May 26.

On June 1 two Indians were hired to continue roads and trails maintenance. They worked five days at the Castle and one day at the Well but lacked a few days to complete the work undertaken. Mechanical failures of both pick-ups hampered this work.

Fence at the picnic ground was repaired and the chain used at our gate was repainted.

Visitors There were 2387 visitors in 740 cars to Montezuma Castle and 634 visitors in 184 cars to Montezuma Well. The count at Montezuma Well represents 17½ days of contact. Tickets sold at the Castle 760; tax but no tickets, 86; children who climbed free, 93; waiver, 1.

Contacts Total contact hours, 241.50. Hastings, 80.50; Leding, 89.00; Schroeder, 7.00; Jewell, 65.00. One hundred and ninety-five trips were made through the Castle for 960 visitors and 984 visitors were counted in the museum in 173 groups. Visitors who received information outside the ruins or museum totaled 1163.

Publicity An article by Kenneth Cornish featuring Montezuma Castle appeared in the Arizona Times for May 20.

Montezuma's Wonderful Waters was the subject of an article on Montezuma Well by Nat McKelvey in the Ford Times for July, 1948. This article was accompanied by an exceptionally good picture of the Well.

On June 19 the Hastings and Leding families attended a picnic at Flagstaff sponsored by the Museum of Northern Arizona.

On June 1 McKenzie Ward and Harry Peterson took pictures of the Castle as part of a series sponsored by the Phelps Dodge Corporation for the Bureau of Mines.

Custodian and Mrs. Hastings and Ranger and Mrs. Leding participated in an excursion from Clarkdale to Drake and back via Santa Fe Railrpad in honor of Howard Pyle, program director of radio station KTAR, Phoenix. Upon their return to Clarkdale all those who had gone on the excursion were interviewed for a wire recording broadcast over Station KTAR on June 23.

National Park Service Visitors Custodian Jackson and family visited this monument and friends in the Verde Valley May 12 to 26th.

Architect Saunders checked our roof repair job on May 28.

The following excerpts have been taken from the report submitted by Archaeologist Schroeder.

started repair of the roof of the Pentecostal residence. The old roof and its 12 tons of earth insulation was removed and replaced with treated wood fiber insulation covered with a building roof. Work was completed May 26.

On June 1 two Indian were hired to maintain roads and trails maintenance. They worked five days at the Devils and one day at the Fall but lasted a few days to complete the work undertaken. Material failures of both pick-ups hampered this work.

Damage at the picnic ground was repaired and the stack pipe at our gate was replaced.

Visitors. There were 1007 visitors in 760 cars to Montezuma Devils and 1776 visitors in 184 cars to Montezuma Well. The count at Montezuma Well represents 17½ days of counts. Tickets sold at the Devils 780, two had no tickets, 36; children who visited free, 83; senior, 1.

Income. Total receipts were, $41.40. Tickets, 80.85; lodging, 6.00; refreshments, 7.55; jewelry, 4.00. One hundred and eighty-five trips were made through the Devils for 380 visitors and 396 visitors were counted in the museum in 172 groups. Visitors who received information outside the museum or museum totaled 1172.

Publicity. An article by Jerrold Ziegler featuring Montezuma Devils appeared in the Arizona Times for May 30.

Monument Museum Notes was the subject of an article on Montezuma Well by Pat Kelley in the Ford Times for July, 1952. This article was accompanied by an exceptionally good picture of Mr. Hall.

On June 12 the Daughters and Ladies Auxiliary attended a picnic at Flagstaff sponsored by the Museum of Northern Arizona.

On June 1 Edmonia Hard and Perry Patterson took pictures of the Cattle as part of a series sponsored by the Public Lands Department for the Bureau of Mines.

Guadalupe and Mrs. Hastings and Mayer and Mrs. Lodge participated in an exercise from Starfield to Bruce and Nick via Devils Fall-pad in honor of Howard Pyle, program director of radio station KVOA, Phoenix. Upon their return to Starfield all those who had gone on the excursion were interrupted for a fire requiring breakfast over Devils Fall on June 22.

National Park Service Visitors. Guadalupe Jackson and family visited this monument and friends in the Verde Valley May 12 to 21st.

Archibald Hawkins cleaned our roof repair job on May 20.

The following monthly data has been taken from the report submitted by Archaeologist Schroeder.

Administration Daily duty was maintained except for lieu days and as follows: May 24 at Castle; June 12, trip to Cottonwood in A. M. June 21 at Castle.

A supply of printed Montezuma Well Trail Pamphlets and Montezuma Well and Castle postcards were received, and sales were inaugurated June 4.

A register book was started June 6 on the first anniversary of taking up daily duty at the Well.

Museum In the course of the month the frame and back for the museum exhibit and storage space were constructed, monks cloth was tacked on for background, and two case titles were cut out. A portion of the exhibit on the geology of the Well has been installed, and it is planned to complete this panel and others next month.

A register and pamphlet stand was constructed and set up by the museum building for use on lieu days, and three additional signs were carved and set up to aid visitors, particularly on lieu days.

Publicity A well written and accurate article on the Well appeared in the June 3 issue of the Verde Independent newspaper covering the Museum of Northern Arizona-sponsored diving project. This article has had its effect in increased travel as is gathered from conversations with visitors.

Research Mr. A. G. Healey (sp?) of the U.S.C. & G. S., who was gauging the flow of Beaver Creek, was approached by Ranger Leding at the Castle with the idea of checking the flow at the outlet of the Well. (The figures have been received and are shown as 1,500,000 gallons per day which may be compared with the 1,565,000 gallons per day determined by a representative of the Salt River Valley Water User's Association in June, 1947.)

One visitor this month remarked that when he had visited the Well in the 1890's, the outlet cave had a complete wall with only one small doorway across the entire opening. Others in the past have made similar remarks, and Mr. Bramm, editor of the Verde Independent, who is interested in the archaeology of the area, inserted a smallbox in the June 27 issue paging old timers in this connection. I had passed this information on to him not expecting to see it in print.

Homer F. Hastings,
Custodian.

Administration. Daily duty was maintained except for five days and on Christmas. Day 24 at Cantin from 12, twice to Cottonwood in 1. 2. from 21 to Pueblo.

A supply of printed Harvesters Well Trail Pamphlets and Thousand Well and Indian postcards were received, and sales were inaugurated from 6.

A regular load was started from 7 on the first anniversary of taking up daily duty at the Well.

Bonus. In the survey of the nearby rim trees and bush for the season 1927/8 and storage space were remarked, small stack was turned on the homestead, and two new tables were set out. A portion of the ability in the product of the Well has been irrigated, and it is planned to complete this trail and others next month.

A regular and legitimate stand was established and set up by the season building for use on line days, and three additional signs were carved and set up in all stations, particularly on line days.

Publicity. A well written and accurate article on the Well appeared in the June 1. issue of the Trade Independent newspaper through the Bureau of Northern Arizona-Southern Utah projects. This article has had the effect in increased travel as is evidenced from conversations with visitors.

Leakage. Mr. A. T. Stanley (left) of the T.&N. A.T.&S.F., who was pushing the flow of leaks (well), was accompanied by Mayor Lehing at the Well with the idea of stopping the flow at the mouth of the Well. The figures have been reversed and are about as 1,000,000 gallons per day which may be compared with the 1,000,000 gallons per day determined upon representative of the Salt River Valley Water Users's Association in June, 1927.

One visitor this month remarked that when he had visited the Well in the 1890's, the valley was but a complete wall with water flowing across the entire opening. Others in the past have made similar remarks, and Mr. Brown, editor of the Trade Independent, who is interested in the development of the area, inserted a question to Mr. Stanley of Lehing during his trip to this community. I had passed this item over to his and forgotting to see it in print.

Yours P. Beatty,
Custodian.

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Natural Bridges
NATIONAL MONUMENT
Blanding, Utah

June 24, 1948

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of June, 1948:

GENERAL: One of the most interesting and outstanding landmarks in Southeastern Utah, "The Goblet of Venus", situated on the approach road to Natural Bridges National Monument, fell on June 17th or 18th and is now nothing but a mass of rubble. Ranger Rodd investigated and stated that a pine pole was found among the rubble making it look like some visitor had tried to climb to the top of the goblet.

TRAVEL: Travel to this area practically quadrupled that for the same month last year, with 428 visitors as compared 120 visitors for June, 1947. The out-of-state travel is increasing rapidly and many of the visitors came by way of Hite, Utah, now that the new ferry over the Colorado River is in operation.

INTERPRETIVE SERVICES: Of the 428 visitors 361 were contacted at headquarters and received information regarding the trails, etc. Sixty seven people visited during the absence of the ranger. Two trips were taken to the various bridges with a total of 6 people. Two contacts were made with 3 people at Blanding, Utah. The campground was used by a total of 33 people for an overnight stop.

WEATHER: The weather was ideal practically all month. Warm days but the nights were cool. Heavy rains fell on June 21st and 20th which slowed travel down for that period.

TRAILS: It has been impossible to hire a laborer on trail maintenance and Ranger Rodd has found little time accomplish any of this work due to heavy travel. The trails are still passable and few complaints have been received.

ROADS: The approach road to the monument was in excellent shape during most of the month. The rains of June 20th and 21st caused some damage but the State maintenance crew have again put it in shape.

ACQUISITIONS: A 500 gallon water tank was received from Wupatki National Monument for a water supply. This will replace the two 15 gallon kegs which have been used for the last several years.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Natural Bridges
NATIONAL MONUMENT

Blanding, Utah

June 24,

Statement for the Regional Director, Region Three:

The following is a narrative report for Natural Bridges National Monument for the month of June, 1949:

GENERAL: One of the most interesting and satisfactory highlights in Superintendent Chen, "The Ghost of Tsegi", situated on the reservation road to Grand Gulch Monument, consisting, full or more than 1000 on the 24th by the prehistoric Hopi a small of Kachina. Among that Superintendent and stopped then a plan was from among the people, writing it and the more valuable and valued to action be the top of the publics.

VISITORS: Travel in this area particularly remarkable that for the month that year, also 401 visitors to reported 101 visitors for June, 1949. The considerable period in increasing regularly but only of the visitors come by way of Utah, Utah, are that the year travel from the Colorado River is in operation.

INTERPRETIVE SERVICES: Of the 401 visitors 401 were interested in prehistoric and received interpretive presentation the trail, the Study across people related during the museum of the museum. The Bridge area talks in the Kachina Bridge only a total of 1 people. The guided were tour with 3 people at Rainbow, Utah. The program was used by a total of 30 people for an overnight stay.

MAINTENANCE: The weather was ideal practically all month. Work days and the holidays were good. Heavy rains fell on June 11th and 12th which slowed travel down for that period.

REPAIRS: It has been impossible to have a laborer on trail maintenance and Ranger Jack has found little time accomplish any of this work due to heavy travel. The trails are still passable and the complaints have been received.

ROADS: The approach road to the monument was in excellent shape during most of the month. The rains of June 20th and 21st caused some damage but the State maintenance crew have again put it in shape.

WATER SUPPLY: A 100 gallon water tank was received from Glenwood Springs Chamber for a water supply. This will replace the 10 gallon jugs which have been used for the last several years.

INSPECTIONS: An inspection was made at the area on June 7th and 8th and trips were made over all the trails to check on their condition.

MISCELLANEOUS: The maintenance of the road from Hanksville, via Hite, to the monument has been turned over to Stewart Campbell of the Utah Wonderland stages and he made a trip over this road with a truck type grader during the month and has improved its condition to some extent. This is the first maintenance work that has been performed on this road since 1948.

The Utah Wonderland stages made two trips through the monument with a total of 10 passengers.

Russell L. Mahan

Russell L. Mahan
Acting Custodian

(in trip.)

Page 2, Ind. Ln. Mnt. Rpt., June, 1948.

INSPECTION: An inspection was made of the area on June 7th and the bridge was made over all the trails to check on their condition.

GENERAL REPORT: The maintenance of the road from Bartonville, via Glen to the campground has been turned over to Tommy Campbell of the park. Boulevard stones and be made a trip over this road with a truck for general like needs and be improved for addition to some extent. This is the first maintenance work that has been performed on this road since 1948.

The park boundary signs made two trips through the mountains with a total of 12 posts.

(In ink.)

Donald C. Phillips
Donald C. Phillips
Acting Superintendent

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

June 25, 1948

MEMORANDUM for the Regional Director, Region Three

There follows the narrative report of activities in this area for the month of June 1948.

WEATHER: Generally, the weather has been more like July than the usual dry June. Maximum temperature was 89 degrees on the 10th. Mimimum temperature was 36 on the 22nd. Precipitation totaled 1.07 including .64 on the 2nd. Thunderstorms were recorded on the 11th and 21st, hail on the 22nd.

APPROACH ROADS: All approach roads suffered storm damage from .64 inches of rain on the 2nd. The U.S. Indian Service road patrol came in on the 22nd. We dragged out the high centers on the 23rd and 24th. Roads at this time are in better than average condition.

VISITORS: 115 visitors arrived in 60 automobiles and 3 motorcycles.

N.P.S. Visitors: Former Custodian Bill Wilson and Kathryn visited the area on the 1st to 3rd.

Archeologist Charlie Steen visited this area on the 22nd and made a survey at Inscription House on the 24th and 25th.

NATURALIST ACTIVITY: 152 visitors received Museum and Orientation service.

79 visitors were guided to Sandal Trail in 15 parties.
62 visitors were guided to Betatakin in 8 parties.
46 visitors were guided to Keet Seel in 3 parties.

Three campfire talks were given by the Custodian. The Custodian also arranged to have 11 Navajos sing at the Campfire meeting of 42 members of the Sierra Club. Songs from the Entah (Squaw Dance) were sung for more than an hour.

The largest horseback party ever to visit Keet Seel was outfitted by our Navajo neighbors. 41 members of the Southern group of the Sierra Club rode to Keet Seel on the 21st. With guides and wranglers the party totaled 45 people, all mounted.

On the 22nd, 21 of the above group rode to Scaffold House while 17 hiked to that fine site.

On the 23rd this party departed for Inscription House enroute to Rainbow Bridge. Archeologist Steen reported a clean area there, with no vandalism apparent. Charlie also picked up a key case and left it at Inscription House Lodge.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

June 23, 1948

MEMORANDUM for the Regional Director, Region Three

There follows the narrative report of activities in this area for the month of June 1948.

WEATHER: Generally, the weather has been more like July than the usual dry June. Maximum temperature was 88 degrees on the 10th. Minimum temperature was 39 on the 22nd. Precipitation totaled 1.07 including .94 on the 2nd. Thunderstorms were recorded on the 11th and 21st, hail on the 22nd.

ARCHEOLOGICAL WORK: All approach roads suffered storm damage from the inches of rain on the 2nd. The U.S. Indian Service road patrol came in on the 22nd. He dragged out the high washes on the 23rd and 24th. Roads at this time are in better than average condition.

VISITORS: 118 visitors arrived in 20 automobiles and 3 motorcycles.
N.P.S. Visitors: Former Custodian Bill Wilson and family visited the area on the 1st to 3rd.
Archeologist Charlie Steen visited this area on the 22nd and made a survey at Inscription House on the 24th and 25th.

NATURALIST ACTIVITY: 122 visitors received Museum and Orientation service.
79 visitors were guided to Betatakin Trail in 12 parties.
62 visitors were guided to Keetsiel in 8 parties.
46 visitors were guided to Keet Seel in 3 parties.
Three campfire talks were given by the Custodian. The Custodian also arranged to have 11 Navajos sing at the Campfire meeting of 42 members of the Sierra Club. Some from the Hotel (Square Dance) were sung for more than an hour.
The largest horseback party ever to visit Keet Seel was activated by our Navajo neighbors. 41 members of the Navajoa group of the Sierra Club made the Keet Seel on the 21st. With guides and wranglers the party totaled 48 people, all mounted.
On the 22nd, 21 of the above group rode to Scarlid House while 17 hiked to that site site.
On the 23rd this party departed for Inscription House enroute to Rainbow Bridge. Archeologist Steen reported a clean area there, with no vandalism apparent. Charlie also picked up a few cans and left it at Inscription House Lodge.

NAVAJO NATIONAL MONUMENT
TONALEA, ARIZONA

WORK PROGRESS: Our attention this month has been concentrated on repairing the storm damage to our roads and trails and to resurfacing the switch-back trail descending from Segi Point. Many hours with pick and shovel and much dragging has been required to put these roads and trails into their above advertised condition.

PUBLICITY: The May 1948 issue of Desert Magazine carried a complimentary articel entitled "Trail to Inscription House" by Toney Richardson.

Custodian Givens of Joshua Tree National Monument very kindly furnished this area a copy of Desert Spotlight. An article describing Betatakin occured in this June issue.

J.W. Brewer, Jr.,
Custodian

TRAIL PROBLEMS: Our attention this month has been concentrated on repairing the storm damage to our roads and trails and trying out to reservations the sailor-boys trail descending from Dog Point. Many hours with axe and shovel and some dynamite has been required to put these roads and trails into their usual some advertised condition.

PUBLICITY: In May 1948 issue of Desert Magazine appeared a complimentary article entitled "Trail to Indepidum Dome" by Jerry Allendorf.

Canadian Citizens of Joshua Tree National Monument very kindly furnished this area a copy of Desert Sportlight. An article describing Botanists occurred in this June issue.

J.R. Brewer, Jr.,
Curator

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ORGAN PIPE CACTUS NATIONAL MONUMENT

P. O. Box 38, Ajo, Arizona

June 25, 1948.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities for Organ Pipe Cactus National Monument for the month of June, 1948.

Weather

Summer heat has restrained itself thus far to comfortably warm temperatures most of the month with the maximum readings of the thermometer mostly in the nineties. The maximum reached 103 on June 16, though, and the minimum fell to 48 on June 3. The warmest night to date was marked by the minimum of 66 on June 9. Clear skies and no moisture prevailed.

Travel

Visitation to the monument has practically stopped for the summer but international travel through the monument is ahead of that for last year. 7292 passed through the immigration station at the south end of the monument in June 1947 while 8127 passed through in the same period this year. 75043 visitors this travel year is the record to date.

General

Forester Ratcliff visited the monument from May 31 to June 4 on grazing survey and permittee problems.

Survey of the range conditions east of the Ajo Mountains was made in the area on Indian permit.

Work on the Quonset Hut quarters took nearly all the time this month.

Assistance was given Charles R. Shaw of the San Diego Zoo and in return a complete file of reptile pamphlets covering the reptiles of this section was received for the monument library (11 pamphlets).

A dead deer was found near edge of the highway. It had evidently been hit by a car.

Personnel

One day each sick leave was taken by Ranger Bean and Maintenanceman Quinn because of severe colds.

Organ Pipe Cactus N. M.

William R. Supernaugh,
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

DEVIL'S TOWER NATIONAL MONUMENT

Sundance, Wyo.

June 30, 1939.

[illegible] the Regional Director, Denver.

There follows a report of activities for Devil's Tower National Monument for the month of June, 1939.

Weather

Weather was favorable throughout the month. Temperatures were high, however, the maximum reading of 100 degrees being recorded on the 21st. The minimum reading was 40 degrees on the 2nd. The heaviest rainfall of the month was 1.25 inches on the 21st. The heaviest rainfall in 24 hours was 1.25 inches on the 21st. The heaviest rainfall in 24 hours was 1.25 inches on the 21st.

Visitors

Visitation to the monument has practically stopped for the summer. The information bureau through the summer is closed at 6:00 for lack of visitors. 1108 passed through the information station at the north end of the monument in June 1939 with 1187 passing through in the same period this year. Total visitors this year are 1187 as compared to the total of 1108 last year.

Improvements

Regular maintenance work was performed from May 31 to June 4 on the parking area and service roads.

Survey of the rugs overlooking the top of the tower was made in the area on Indian Creek.

Work on the lookout tower was nearly completed at the time this report was made.

The stone was given another coat of the top stone fire and is ready a complete file of public complaints covering the operation of this station was received for the museum library (2 pamphlets).

A road down was found near edge of the highway. It had evidently been left by a car.

Personnel

The July and Aug. leave was taken by Rangers Lee and Mitchenson. Ranger Quinn became of service while.

Orpen Pike Center S. N.

William E. Wagstaff.
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

June 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

Submitted herewith is the monthly report of activities at Saguaro National Monument, for June 1948.

General

The mild temperatures of May were supplanted by higher temperatures during June, on several occasions the temperature at headquarters reached a maximum of 106 degrees. However, during the latter part of the month, high winds have been an influencing factor in bringing more moderate temperatures. On June 6, some .12 of an inch of precipitation was recorded in the forested area on the Rincons, while at headquarters it was estimated at .05 of an inch.

Travel to the monument during June has been greater than anticipated, we are averaging about eleven cars a day, with a good percentage from out of state.

The approach road from Vail Junction was graded during the month, it is much improved at this writing and several visitors have commented on its smoothness.

Special Activities

Mr. Kenneth M. Saunders, Region Three Office, made an inspection of the recently repaired roofs at Madrona Ranger Station and headquarters.

On June 4, the custodian made a trip to the Papago Indian Agency at Sells, to confer with the superintendent, regarding the recruitment of Indians for fire suppression activities.

The custodian spent the period June 11 to June 13 in the forested area, inspecting trails and facilities.

Maintenance

The Tucson Roofing and Supply Company have completed repairs on the various roofs, including the porch roof at headquarters.

New directional signs were fabricated and placed at all intersections, on both the Broadway approach and Vail Roads. We feel that much less difficulty will be experienced by visitors to the monument, with this added convenience.

C O P Y

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Saguaro National Monument
Tucson, Arizona

June 30, 1948.

MEMORANDUM for the Regional Director,
Region Three.

Submitted herewith is the monthly report of activities at Saguaro National Monument, for June 1948.

General

The mild temperature of May were supplanted by slight temperatures during June, on several occasions the temperature at headquarters reached a maximum of 100 degrees. However, during the latter part of the month, high winds have been an influencing factor in keeping more moderate temperatures. On June 7, some .12 of an inch of precipitation was received in the forested area on the Tucson, while at headquarters it was recorded at .05 of an inch.

Travel to the monument during June has been greater than anticipated, we are averaging about eleven cars a day, with a good proportion from out of state.

The gravel road from Tail Director was graded during the month, it is hard surfaced at this writing and several visitors have commented on its smoothness.

Special Activities

Mr. Kenneth W. Lawrence, Indian Service Office, made an inspection of the recently repaired roads at Saguaro Ranger Station and headquarters.

On June 4, the assistant made a trip to the Organ Pipe Ranger at Lake, to confer with the Ranger concerning improvements of facilities for fire suppression activities.

The assistant spent the period June 11 to June 14 in the forested area, inspecting trails and facilities.

Maintenance

The Saguaro Roofing and Supply Company have completed repairs on the various roofs, including the panel roof at headquarters.

Two directional signs were fabricated and placed at all intersections, on both the Freeway approach and Tail Drive. The Dual Tail road lies difficulty will be experienced by visitors to the monument, with this added convenience.

Y

Forest Protection

As of June 1, the regular program for fire detection and suppression was initiated. Routine patrols have been established and the Mica Mountain Lookout Tower is manned daily from 8 A. M. to 5:30 P.M. We are fortunate in having three competent Fire Control Aids, to carry out the all important work of our fire detection requirements.

On June 8, all employees except the packer and custodian, were assembled at Manning Camp, for a one day fire training program. The school was conducted under the direction of Ranger Wilde and Maintenanceman Ollie O. Barney. Following is a brief outline of the subjects covered:

1. A review and discussion of the Saguaro Fire Plan by Ranger Wilde.
2. A review and discussion of Chapter Seven, Western Fire Fighters Manual, by the three Fire Control Aids.
3. The use and care of equipment by Ollie O. Barney.
4. Practical demonstration of fire tool use, fire line construction, and telephone line repair.
5. Safety factors and proper clothing in relation to fire fighting by Ranger Wilde.
6. Group discussion, question and answer period, on all phases of fire protection.

The .12 inch rainfall on June 6, afforded some reduction in the fire danger, momentarily, but this moisture has since been dissipated due to drying winds.

Considerable difficulty was experienced with two of our radio sets during the month, however, repairs have been effected and they are now working properly.

Wildlife

The parade of birds and small mammals to the water supply in back of headquarters, continues to be an unending source of interest. On several occasions, visitors have had an opportunity to observe Road Runners, Gambel Quail and White-Winged Doves, close at hand, for the first time. Several coveys of quail make daily visits to the water pans.

Visitors

Mr. and Mrs. A. W. Werner, Lowell, Mass., members of the National Parks Association, taking photographs in the interests of the Park Service.

Forest Protection

As of June 1, the regular program for fire detection and suppression was initiated. Portable patrols were established on the Mica Mountain Lookout Tower in charge of Mr. A. W. Hall Jr. We are fortunate in having three competent fire control aids, in carrying out the all important work of our fire detection requirements.

On June 1, all employees except the janitor and watchman, were assembled at Lamoille Park, for a one day fire training program. The school was conducted under the direction of Deputy Fire and Patrol Superintendent Willis C. Harvey. Following is a brief outline of the subjects covered:

1. A review and discussion of the Nevada Fire Plan by Harvey Hilde.
2. A review and discussion of Forest Service, Nevada Fire Officers Manual, by the Nevada Fire Control Aids.
3. The use and care of equipment by Willis C. Harvey.
4. Practical demonstration of fire tool use, fire line construction, and telephone line repair.
5. Safety factors and proper clothing in relation to fire fighting by Harvey Hilde.
6. Group discussion, questions and answer period, on all phases of fire protection.

The .22 inch rainfall on June 1, affected some reduction in the fire danger, numerically, but this moisture has since been dissipated due to drying winds.

Considerable difficulty was experienced with one of our radio sets during the month, however, repairs have been effected and they are now working properly.

Wildlife

The herds of birds and small mammals on the water supply in back of headquarters, continue to be an amusing source of interest. In several occasions, visitors have had an opportunity to observe Long Tailed Weasel, Cottontail Quail and Mourning Dove, close at hand, for the first time. Several coveys of quail have daily visits in the water pans.

Visitors

Dr. and Mrs. A. E. Foster, Lowell, Iowa, members of the National Parks Association, making observations in the interests of the Park Service.

Travel

A total of 896 persons visited Saguaro during the month. Thirty five states were represented and Washington D. C. This is a decrease of 479 persons or approximately 35% less than last month. However, this is an increase of 124 persons over the corresponding month of June 1947, or 16%.

Interpretive Service

It has been possible to afford interpretive service to a good percentage of our visitors, although this activity has been necessarily less than desirable.

A total of 339 persons in 99 parties were given interpretive service at headquarters. This amounted to 22-1/6 hours for an average of 14 minutes per party.

Roads and Trails

The maintenance work and relocation on the Madrona-Grass Shack Trail, has progressed satisfactorily during the month. A total of one hundred and forty-five man days have been expended on this trail, during the last thirty days. The crew now working out from Grass Shack, will be moved this week-end, to a new location at Spud Rock Ranger Station. The water supply at Grass Shack is exhausted. About eight and one half miles of the Madrona-Grass Shack Trail have been worked to date. It is planned to work the lower unfinished portion during the winter months, with regular personnel.

The other trail crew, quartered at Manning Camp, will begin work on the Cow Head Saddle Trail, within the next few days.

Personnel

Newell A. Bundy resigned his position as Fire Control Aid at the close of business, May 31, 1948.

Mr. Jessie C. Hymer resigned his position as Laborer on May 31, 1948.

/s/ Samuel A. King
Samuel A. King
Custodian

C O P Y

Trail

A total of [illegible] persons visited Denver during the month. Thirty-five states were represented in the group. This is a decrease of [illegible] persons or [illegible] per cent from last month. However, this is an increase of [illegible] persons over the corresponding month of June 1941, or [illegible].

Interpretive Service

It has been possible to afford interpretive service to a great proportion of our visitors, although this activity has been necessarily less than desirable.

A total of [illegible] persons in [illegible] parties were given interpretive service at headquarters. This amounted to [illegible] hours for a average of 14 minutes per party.

Roads and Trails

The maintenance work and relocation on the Bear-Grass Creek Trail, has progressed satisfactorily during the month. A total of one hundred and forty-five man days have been expended on this trail, during the last thirty days. The crew now working on Bear Grass Block, will be moved this week-end, to a new location at Bear Lake Ranger Station. The water supply at Bear Lake is exhausted. About eight and one half miles of the Bear-Grass Creek Trail have been worked to date. It is planned to work the lower unfinished portion during the winter months, with regular personnel.

The other trail crew, quartered at Longing Bay, will begin work on the Cow Head Lake Trail, within the next few days.

Personnel

Lowell A. Hardy resigned his position as Fire Control Aid at the close of business, May 31, 1942.

Mr. Jessie C. Lymer resigned his position as Laborer on May 31, 1942.

/s/ Samuel L. Ellar
Samuel L. Ellar
Superintendent

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~Hopatel~~ NATIONAL MONUMENT
Sunset Crater

Flagstaff, Arizona

June 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument for the month of June 1948:

Visitors this month: 4250 Travel Year to date: 11,554

Weather: The month of June was unusually cloudy with occasional light showers which reduced the daily maximum temperatures, but did little to alleviate the fire danger.

Roads: The results of the road work performed this month will not be too apparent until the coming of the rainy season. A total of 135 cubic yards of dirt was hauled onto the soft portions of the entrance road and spread to form a thin layer. The cost of this material was very little in comparison to most of our hauling, since we obtained the dirt from a Highway Department shovel cleaning ditches in Black Bill Park. It will take rain to pack this material to form a solid surface.

Visitor Travel: With a total of 1700 persons registering visitor use increased more than thirty percent over last June. Travel for the fiscal year totaled 20,699, a figure almost double that of last year. Part of this increase reflects our using an additional 30% as the estimated non-registrants during the past fiscal year, but otherwise it is a bona fide increase.

Visitors: NPS visitors included Assistant Regional Director and Mrs. Davis with their daugther Ann and Collaborator E. D. McKee and family. Photographer Joseph Muench and family visited the area to take a few photographs.

Vandalism: Even when personnel is present in the area vandalism goes on at an alrming rate. Everyone seems to want to take away a rock specimen, those making the trip to the top of the crater return with

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____ Flagstaff, Arizona

June 21 19 [illegible]

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Sunset Crater National Monument for the month of June 1949.

Visitors this month: 2320 Travel Year to Date: 17,344

Weather: The month of June was unusually cloudy with unseasonal rain showers which reduced the daily maximum temperatures, but did little to alleviate the fire danger.

Health: The results of the road work performed this month will not be apparent until the coming of the rainy season. I talked to Eli Willie people of Bitt was located with the well properties of the Gatewood and agreed to run a tile layer. The well of this ranchmen was very little in comparison to most of our testing, since we obtained the lift from a Sidney Superment mineral standing in Black Hill Park. It will take rain to put this material to work a serial sur-flow.

Visitor Travel: With a total of 2320 persons registering within the Monument more than double previous month ago. Based on the fiscal year totaled 20,000, a figure almost double that of last year. Part of this increase reflects sur-rising as additional 200 as the estimated non-registrants during the past fiscal year, but increase is in a home file increase.

Visitors: 200 visitors including Assistant Regional Director and Mrs. Davis with their daughter Ann and Philadelphia, Pa. Mrs. Ann Daniel. Photographer Joseph Hanson and family visited the area to take a few photographs.

Facilities: Two when personnel is present in the area providing gas or at an nearby area. Everyone seems to want to take some a week vacation. Those making the trip to the top of the crater return with

specimens of the hot springs minerals, flowers and shrubs attract the eager hands of would-be botanists. It seems to be an impossible task for one man to control this situation; one is always saying:"DON'T".

Activities of Outside Agencies: The Atlas Film Corporation had a crew filming Sunset Crater to be used in a Bureau of Mines movie on the Natural resources of Arizona.

Application is being made by the residents of Black Bill Park and other outlying Flagstaff areas for a Rural Electrification Project. This would bring electricity to within at least four miles of this area.

General: Cleanup, trailer rehabilitation, road work has limited visitor contact to week-ends primarily. In spite of our efforts there are complaints on the roads.

David J. Jones
Custodian

specimens of the two previous minerals, flowers and shrubs adjacent, the major lands of monolithic tuhonlaite. It seems to be an investigation team for one to control this additional one in always notify"[illegible]".

Activities of Jurisic Generals: The Allied Film Supervision had a very fighting Russian fighter. It is used in a Bureau of Times merit in the Natural resources of Belgrade.

Equipment is being made by the residents of Plum Hill Inn and other outlying Theatrical areas for a Naval Disarmament Treaty. This would bring absolutely no within or have from other of this area.

General Clarence, trailer rental facilities, road maps are limited visitor contact to weekends primarily. In spite of the activity there are negotiations on the roads.

David L. Jones
Captain

General Trains
Page

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tonto National Monument
Roosevelt, Arizona

June 26, 1948

MEMORANDUM for the Regional Director, Region Three.

Following is a report of activities at Tonto National Monument for the month of June, 1948.

Weather. Daily maximum temperatures ranged from 90 to 104 degrees, averaging above 95. No rain, as usual. Days are very hot in this canyon. This is the third year of drought in this area.

Approaches to Monument. Same old story. The Apache Trail is in fair condition, the Monument road needs rain & dragging, but most of the visitors say the roads are not bad.

Interpretive Service. The museum has been open all days of the month, but guide service has not been available on part of the Custodian's lieu days, especially when a trip to town for supplies was necessary. Most of the week-day visitors are from out of state, and want to see the Ruins, so that considerable time is required for interpretive service despite the low number of ruins visitors. Six or seven cars of visitors can and often do take up the whole day.

Travel. 960 persons in 271 cars visited Tonto this month, a slight increase over May travel, and about 20% more than June last year. Most cars are from out of state. The visitors do not seem to mind the heat as much as the Custodian does.

Fire Danger. Fire danger ranges from high to extreme during the day, creeping down to moderate at night. Since I would have to help on any big fire in the surrounding Tonto National Forest, I am as jumpy as anyone who really has a fire problem on his area.

Visitors. A Conservation Workshop group from Tempe was in Monday June 21. Tonto Forest Supervisor Jack Lillevig, Mrs. Ruth B. Jones of the USFS Information Service, and B. Ira Judd of Tempe were with the group.

General. The plumbing job was completed by the Globe Plumbers, thus making civilization effective at Tonto. The spring was cleaned out and a new intake screen installed. Visitors, reports, and maintenance took up the Custodian's time for the month.

Charles G. Sharp
Custodian.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Smoky Mountains National Park
Gatlinburg, Tennessee

July 20, 1938

Memorandum for the Regional Director, Region Three.

Subject: Report of Inspection at Smoky Mountains National Park for the week of June, 1938.

Weather. Daily rainfall has generally varied from 0" to 1" during the morning hours. Up to date, no trouble. Days are warm but the nights are cool. This is the third year of drought in this area.

Accomplishments to Date. Down all about. The Cades Cove Road is in fair condition. The Newfound Gap Road needs much work in places, but most of the washouts and the roads are not bad.

Interpretive Service. The Museum has been open all days of the month, but guide service has not been available on part of the month. Less than half, especially when a bus is used to take the supplies and equipment. Most of the week-end visitors are from out of state, and most of them are the motor-car visitors who are interested in the interpretive service. Many of the week-day visitors are from out of state, and most of them are the motor-car visitors. The visitors do not seem to mind the bad roads, as this remarkable time is required for interpretive service. Quite a few attendance at radio visitors. Six or seven more of visitors and find other to take to the Museum.

Travel. 340 persons in 87 cars visited Cades Cove this month, a slight increase over last year, but about 200 more than June last year. Most of the cars had out of state. The visitors do not seem to mind the bad roads as much as the Gatlinburg Road.

Fire Report. The Ranger reports that he is having trouble with the fire in the mountains of Blount. Since I would have to hire men to do this fire in the mountains Smoky National Park, I do not feel as serious the really had a fire problem on his hand.

Visitors. A conservation delegation going from Tampa was in Smoky Park. Smoky Forest Conservation Club visited. Mr. Smith is chairman of the Green Information service, and is. The Mail of Tampa was with the group.

General. The planting job was supplied by the Cades Tennessee. Some Camping activities at Smoky. The writer was elected and had a few issues involved. Fishing, camping, and refreshment took to the Canadian's time for the month.

Charles G. Owen
Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tumacacori National Monument
Tumacacori, Arizona

June 26, 1948.

MEMORANDUM for the Regional Director,
Region Three.

Follows the monthly narrative report for Tumacacori National Monument for the month of June, 1948:

WEATHER CONDITIONS: For a month in which no rain is expected, we were surprised to receive .14 of an inch of rain on June 6. No other moisture fell. Low temperature was 47 degrees on May 27 and 28. High temperature was 105 on June 16. Three days of high winds were experienced.

INCREASE OR DECREASE IN TRAVEL. Our 1,426 visitors this month has been exceeded once, by the figure of 1,429 for June, 1937.

INTERPRETIVE SERVICE. 792 persons went on 150 guided trips through the mission church and grounds, receiving an average of 36 minutes per trip. 1,392 persons saw the museum, and the same number received combined Information and Interpretation service.

VISITORS. June 21 - James M. Robinson and his wife and daughters, from Carlsbad Caverns National Park.

PUBLICITY. June 8 - Albert D. Runkle, photographer, taking pictures for a movie on adobe making, which he hopes to have released through colleges and universities.

PERSONNEL. Custodian Jackson returned to duty from annual leave June 1. On this same day Archaeologist Hendricks from Tonto departed from temporary detail here. Ranger Brewer took two days of annual leave. Per diem laborer Rafael Martinez Vega was terminated from ruins stabilization work COB June 10. Per diem laborer Ramon Sandoval Orozco, on the same work, was terminated 2:00 p.m. June 11.

ACTS OF GOD. A giant spineless cactus, at least 25 years old, located conspicuously on the trail to the mission church, was completely uprooted by high winds June 1 and thrown flat on the ground. There remained nothing that could be done except removal of the corpus delicti with a truck and a somewhat pagan semi-inhumation ritual in another portion of the monument.

INSPECTIONS. Immediately upon the custodian's return to duty from annual leave he was met by General Accounting Office investigators Kenneth M. Westering and George R. Bartlett. They spent about two and a half days here conducting an exhaustive investigation into the

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Tuzigoot National Monument
Clarkdale, Arizona

June 30, 1940.

Superintendent for the Regional Director,
Region Three.

Follows the monthly narrative report for Tuzigoot National Monument for the month of June, 1940:

WEATHER CONDITIONS: For a month in which no rain is expected, we were surprised to receive .14 of an inch of rain on June 3. No other moisture fell. Low temperatures ran 4° degrees on May 27 and 28. High temperature was 105 on June 16. Three days of high winds were experienced.

VISITORS AT TUZIGOOT IN THE YEAR: Our 1,424 visitors this month has been exceeded once, by the figure of 1,495 for June, 1939.

LOCAL CIVIL ACTIVITY: 792 persons went on 198 guided trips through the mission church and pueblo, receiving an average of 20 minutes per trip. 1,382 persons saw the museum, and the same number received conducted information and interpretative service.

VISITORS: June 21 - James R. Robinson and his wife and daughters, from Carlsbad Caverns National Park.

PUBLICITY: June 3 - Robert H. Hunie, photographer, taking pictures for a movie on cliff dwelling, which he hopes to have released through colleges and universities.

PERSONNEL: Guadalupe Jackson returned to duty from annual leave June 1. On this same day Archaeologist Dorothy from Tonto departed from temporary detail here. Roger Brewer took ten days of annual leave. For also laborer Rafael Martinez Vega was terminated from civilian stabilization with June 10. For also laborer Juan Ordonez resigned, on the same date, was terminated June 11.

ACCIDENTS: A giant spiderlike cactus, at least 30 years old, located dangerously on the trail to the mission church, was completely uprooted by high winds June 1 and thrown flat on the ground. There is every reason to believe that this could be done except toward of the service bullet with a trunk and a wounded cactus anti-interpretive vitual in another portion of the monument.

THEFTS: Immediately upon the custodian's return to duty from annual leave he was met by General Accounting Office investigators [illegible] H. Hartsfield and Thomas V. Wright. They spent about two and a half days here conducting an extensive investigation into the

affairs of the monument. This was my first meeting with GAO investigators. While extremely courteous, these gentlemen were the most inquisitive humans I have ever seen. They now know everything about the monument, I think, except that apparently through some oversight they neglected to discover that I have a mole under my left shoulder blade. I believe they have given the monument a good bill of health.

MAINTENANCE. A number of minor plumbing repairs have been made, in the interests of water conservation. The water level in the patio garden fish pond has been raised about an inch with minor alteration of the four drains, to give better coverage to water lilies. The ~~mix~~ air pump on our deep well water pump blew a gasket, and after considerable experimenting with homemade gaskets I found they will not stand the pressure. The system is working all right now. Routine maintenance, janitor work, and cleanup, has been kept current.

UTILITIES. We have had a good deal of trouble with a sealed-unit refrigerator in the ranger house. After repairs had been made on it, and it continued to function poorly, we complained to the power company. After a couple of adjustments to the transformer they got the voltage to run between a low of 108 and a high of 128. The refrigerator works better, but there is still some difficulty.

STABILIZATION OF MISSION. 142 man hours of work were expended in completing the scratch coat on the mortuary chapel, and in putting on the finish coat. The laborers were laid off, cleanup done, and stabilization stopped for the balance of the fiscal year because of lack of funds.

North and east sides of the sacristy are all that remain in need of permanent exterior stabilization on the church now, unless an adequate lime plaster preservative is found which can be used to impregnate all original lime surfaces with.

Much stabilization work is needed on remnants of room structures of the old patio area east of the church, but detailed consideration of that problem is for other pages than this.

Earl Jackson,
Custodian

affairs of the monument. This was my first meeting with Mr. Lavender. While extremely courteous, these gentlemen were the most inquisitive humans I have ever met. They now know everything about the monument, I think, except that apparently through some oversight they neglected to discover that I have a mole under my left shoulder blade. I believe they have given the monument a good bill of health.

MAINTENANCE. A number of minor plumbing repairs have been made, in the interests of water conservation. The water level in the patio garden fish pond has been raised about an inch with minor alterations of the foot drains, to give better overflow to water lilies. The new air pump on our deep well water pump blew a gasket, and after considerable experimenting with homemade gaskets I found they will not stand the pressure. The system is working all right now. Leaking mistletoe, limited work, and cleaning, has been kept current.

UTILITIES. We have had a good deal of trouble with a sealed-unit refrigerator in the ranger house. Other repairs had been made on it, and it continued to function poorly, so complained to the power company. After a couple of adjustments on the transformer they got the voltage to run between a low of 108 and a high of 124. The refrigerator works better, but there is still some difficulty.

STABILIZATION OF BUILDING. 148 man hours of work were expended in completing the garden coat on the museum chapel, and in putting on the finish coat. The laborers were laid off, cleaned down, and stabilization stopped for the balance of the fiscal year because of lack of funds.

Upper and east sides of the assembly are all that remain in need of permanent exterior stabilization on the museum. Unless an adequate like plaster preservative is found which can be used to impregnate all original lime surfaces with.

Much stabilization work is needed on remnants of room structure of the old pueblo area east of the museum, but detailed consideration of that problem is for other years than this.

Sam Dodson,
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TUZIGOOT NATIONAL MONUMENT

CLARKDALE, ARIZONA

JUNE 26, 1948. 19

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly narrative report for Tuzigoot National Monument for June, 1948.

Visitors this month, 1800 Travel year to date, 11,403

Travel Data: This month brought the amazing total of 1800 visitors as compared with 1220 for June of last year. Each month of the current travel year continues to break all previous corresponding highs. More and more people are discovering the varied natural attractions to be seen on Alternate 89A Highway between Flagstaff and Prescott. Although travel in Arizona as a whole, according to the Arizona Port Authorities, is declining, visitation to Tuzigoot consistently shows a sharp increase. The 1800 visitors arrived in 558 cars. There were several loads of school children.

Guide and Contact Service: Museum, ruins and orientation contacts totaled 4560 for the month. 1648 people in 512 parties were shown through and given an orientation lecture in the museum, and 1662 people in 515 parties were conducted through the ruins. The average time spent by each party in the museum was 23 minutes, while the conducted tour through the ruins required 21 minutes per party.

Personnel Time: Museum: 185 hours, 05 minutes. Ruins: 180 hours, 40 minutes. Total time for Bright: 191 hours. For Richert: 174 hours 45 minutes.

NPS Visitors: Kenneth Saunders on May, 29 and Dean Dazey, Grand Canyon, on June 24.

Special Activities: The Custodian was selected by the Clarkdale Fire Dep't., of which he is a member, to serve as delegate to the Arizona State Firemen's Convention at Holbrook. The trip was made on his two day's off.

Southwestern Monuments Association: A "Spot Light" lighting system was recently installed over our publications display case, and as a result, a substantial increase in sales.

Maintenance and Administration: As may be observed from the above-mentioned contact figures we have had little time left for maintenance work. In-between parties, however, Ranger Richert has managed to complete the repainting and relettering of all informational and directional signs on Alternate Highway 89A. Also, the relettering of all monument area informational signs. If contact time permits we propose to complete the laying and connecting-up of new 2-inch pipe through the deteriorated section of the water line from Clarkdale.

Ernest W. Bright
Custodian.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

_____ NATIONAL MONUMENT

_____, _____

June 30, 1942.

MEMORANDUM for the Regional Director, Region Three.

Following is the monthly statistic report for Badlands National Monument for June, 1942.

Visitors this month, 3100 Travel year to date, 12,000

Travel table: This month brought the monthly total of 3100 visitors as compared with 1,000 for June of last year. Each month of the current travel year continues to bump all previous corresponding totals, June and June through are 11 times the earlier totals attained in the year in Alternate 1 (Cedar Pass Lodge) and 7 times the total attained in Alternate 2 (Ranger Station). Although travel in Arizona was at a whole, attributing to the Indians that accounting, in addition, visitation to Badlands increased about a thirty increase. The total visitors arrived in 222 cars. There were several times of school children.

Visitor and General Service: Excess, rides and orientation contacts totaled 2100 for the month. Other contacts in 222 visitor cars through one given to orientation lectures in the museum, and 1147 people in 222 parties were conducted through the exhibits. The average time spent by each party in the museum was 22 minutes, while the conducted tour through the exhibits required 21 minutes per party.

Personnel Time: Employee 1st hours, 12 minutes. Salaried 1st hours, 22 minutes. Total time for 1st 1st hours, 1st minutes. For Elsbury 176 hours 42 minutes.

Sun Protection: Monthly Condition on hay, 22 and Sun Hours, Cloud Cover, 14 June 22.

Special Activities: The construction was related by the Civilian Civil Engineer, of which is a member, is worse as delegate to the Arizona State Firemen's Convention at Safford. The help was made on his own duty off.

Maintenance Resource Conservation: A "Dam Clint" lighting system was recently installed over our publication display room, and as a result, a substantial increase in sales.

Maintenance and Rehabilitation: As may be observed from the aforementioned monthly figures, we have had little time left for maintenance work. Maintenance personnel have attempted to supplement by supplying the repainting and refinishing of all temporary structures, and the installation of a Cedar Pass Lodge sign on Alternate Highway 40. Also, the refinishing of all Alternate Service Station signs. If another time permits or program is amplified with the assistance of new 2-Ton pipe through the Interpretation section, [illegible] from Carlsbad.

[illegible]

Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Walnut Canyon National Monument
Flagstaff, Arizona. June 25, 1948.

MEMORANDUM for the Regional Director, Region Three. 19

There follows a report of activities in Walnut Canyon National Monument for June, 1948:

Weather. The only precipitation since the snows of March occurred June 6 when we had about .3 of an inch of rain.

Visitors. Of the 4,227 total, 3,909 were contacted, and it is estimated that 3,165 made the ruins trip unattended. There were 39 picnic parties with 591 people. The faculty, with families, from A.S.T.C. formed one large picnic while the largest was by the B.P.O.E. Lodge from Winslow where a state convention of Elks was held.

Inspections. Mr. Saunders was here twice in connection with the rehabilitation projects. Mr. Davis arrived the 24th to discuss many problems. Mr. Ratcliff stopped by to leave some fire extinguishers and prepare a "want list" of fire suppression equipment and supplies.

Rehabilitation Projects. The Admin. Bldg. and the Comfort Station were re-roofed during month. Neither job was entirely satisfactory, and will have to be re-done in part to be accepted.

Roads & Trails. Foreman Bean, of Wupatki, moved to Walnut for a few weeks stay. He, with Walnut's Trail Laborer Viklund, spent a week hauling dirt to cover some of the cinders on the Sunset Crater Road. Then weather-proofing some of Walnut's trails began. To date, most of their time has been hauling cinders and preparing the trail for an application of bitumuls.

Cooperating Governmental Agencies. The surrounding National Forest, with two large fires this month and two others earlier, is experiencing their worst fire year since 1922. Ranger Aubuchon has gone to all four of their big fires.

Miscellaneous Activities. With more than 4,000 visitors and almost 600 picnickers, most of our activities have just been the routine chores.

Paul L. Beaubien
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Pulaski Square Civilian Conservation Corps Camp
Flagstaff, Arizona.

June 30, 1942.

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities in Sulaski Square National Monument for June, 1942:

Weather. The only precipitation since the month of March occurred June 6 when we had about .5 of an inch of rain.

Visitors. Of the 4,727 total, 3,300 were contacted, and it is estimated that 3,125 made the entire trip unattended. There were 27 visit parties with 321 people. The Foundry, with Fenlinge, from A.S.C.S. formed one large picnic while the Lapwai was by the S.V.S.M. ladies from Klamath where a state convention of them was held.

Personnel. Mr. Lamoine was here twice in connection with the rehabilitation program. Mr. Duff arrived the 24th to discuss many problems. Mr. Ingalls stopped by to leave some fire extinguishers and prepare a "work list" of fire suppression equipment and supplies.

Rehabilitation Projects. The Jeep, Mike, and the Dodge Station wagon are in-service during work. Matters 3 are entirely satisfactory, and will have to be re-done in part to be acceptable.

Roads & Trails. Thomas Dean, of Wapato, moved to Sulaski for a few weeks stay. Mr. with Sulaski's trail laborer Vicinad, spent a week building dirt to cover some of the cinders on the Sulaski trailer road. Then another-vertical zone of Tulaski's trails began. To date, most of their time has been spent clearing and preparing the trail for application of bitumuls.

Cooperating Governmental Agencies. The Warrenskiol National Forest, with two large fires this month and two others nearby, is experiencing their worst fire year since 1926. Ranger Anderson has gone to all four of these big fires.

Miscellaneous Activities. With approximately 4,000 visitors and almost six planloads, most of our activities have been the routine chores.

Respectfully, H. L. Langhlen
Superintendent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

WHITE SANDS NATIONAL MONUMENT

ALAMOGORDO, NEW MEXICO

June 22, 48

MEMORANDUM for the Regional Director, Region Three.

TRAVEL MONTH: June, 1948 TRAVEL YEAR TO DATE: 1948

Visitors 12,209 Cars 2793 Visitors 64,684 Cars 16,453

June, inkeeping with several recent months, surpasses any previous June in Monument history in total visitation. 12,206 visitors entered the Area during the hours the checking station was open. For the fiscal year just ending we are 16,600 ahead of last year. We felt we were doing good in approaching 100,000 for the fiscal year and now find ourselves 8,000 over our goal.

The weather has been unusually hot with the temperature reaching 108° for a couple of days. Winds have been high for this time of the year but some 2.68 inches of rain helped hold the sands down.

The Custodian took some annual leave early in the month and during a trip to Oklahoma City visited briefly with Superintendent Miller at Platt and Don Egemeyer at Lake Texoma. An official trip was made by Ranger Steel to El Paso to pick up a cab for our road patrol, he also made a trip to Gran Quivira with a small house needed by that area. The Custodian made a hurried trip to the Regional Office on concession matters. He was accompanied by Mrs. Tom Charles and her son Ward who operate the White Sands Service Co.

Little time has been available for any phase of our activity other than the checking station and contact work. We entered the split shift a month early and this, of course, cuts down on the hours we can spend on maintenance. We did install a new pump jack at the sands well replacing one from W. P. A. days. Through the combined efforts of Paul and Ray we now have both comfort stations at Headquarters repainted, and Harold and Joe have repaired most of our screen doors. Picnic area clean up is becoming a major problem with the heavy use it receives. The new and greatly enlarged public use area is filled to capacity nearly every evening.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible]

Box 5, [illegible]

[illegible] for the regional director, Ivahoe Ruvo.

[illegible]

Visitors 12,000 Cars 2708 Visitors 04,[illegible] Cars 12,[illegible]

Thus, keeping with several previous months, expansion over previous line in revenue history is total visitation. 12,[illegible] visitors entered the park during the month the observing station was open. For the fiscal year just ending we are 12,000 ahead of last year. In fact we have gone ahead in exceeding 100,000 for the fiscal year and are ahead approximately 6,000 over our goal.

The weather has been unusually hot with the temperature reaching 110° for a couple of days. Night has been high for this time of the year but some 2,00 inches of rain helped hold the dust down.

The problem back area ranger has been really in the north and having a hard to contend fully visited locally with hyperkinetic pilot at Pecos and the temperamental lake Jemez. An official trip was made by Judge Floyd on 21 from the plot up a gas the our real pilot, to also make a trip to Jemez Springs with a small issue vested by that area. The Pecos pilot was a popular trip to the typical office on numerous matters. It was successful by here. The Jemez pilot, her one pad who operate the office needs service to.

Little also has been available for any place of our activity other than the checking stations and conduct work. We entered the split with a small party and this, of course, with does on the horse or the speed on [illegible]. We did [illegible] a lay [illegible] at the annual well regulating one from W. T. A. Ofre. Through the combined efforts of Joel and Jay we saw have [illegible] stations in [illegible] regulated, and Jerry and Joe have regulated most of our areas there. Jerry's turn place by is [illegible] a [illegible] problem with the heavy use it receives. The new and greatly enlarged public use area is filled to capacity nearly every weekend.

Due to the high winds road work has been heavy and we were fortunate, at times, in keeping our road open at all.

No complaints have been received by this Office on any angle. Not even a verbal one among the visitors has been overheard. The concession is also well ahead of last June, about in keeping with the increase in attendance.

Ranger Chittum was elected President of the local Lions Club for the coming year, Ranger Schaffner has just received his Master of Science degree, and Ranger Steel has been offered a promotion by transfer so my force has done well by us in honors conferred. My only contribution has been an admission of age and finally getting glasses fitted. Now if I will break down and get a hearing aid perhaps I can carry on for another year or so.

And, speaking of age, I guess I better ring off and get rested up for the rush of visitors always promised us in July.

Johnzill Faris,
Custodian.

in triplicate

No publications have been printed or processed during June.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Wupatki NATIONAL MONUMENT

Flagstaff, Arizona

June 28, 1948

MEMORANDUM for the Regional Director, Region Three.

There follows a report of activities at Wupatki National Monument for the period of June 1948:

Visitors this month: 830 Travel Year to date: 4999

Weather: Precipitation totaling more than two tenths of an inch and a large proportion of partly cloudy and cloudy days is in sharp contrast to the usual clear, hot days of June. One of the Navajos predicts a short summer because he saw a certain seven stars in the sky the other morning. We will go along with him to the extent that this has been an unusual June.

Roads: Lack of adequate precipitation precluded maintenance other than filling holes and soft portions of the road. Although "washboarded", the approaches from both Hiway 89 and Sunset Crater are passable

Travel: Visitor use of this area increased almost 40% over that of last month with 602 persons registering at Wupatki and 228 at the Citadel. If this continues travel will be well above that of last year; it is still averaging thirty percent above. One factor has been the fact that the Sunset Crater approach has been passable at all times.

Special Activities: In cooperation with Arizona State College at Flagstaff a one hour lecture was given on the History and Organization of the National Park Service for the class in Natural Resource Management.

Considerable time had to be spent on the sale of the pickup I-13869 and one trip had to be made to assure the purchaser that the heater was still in the truck. Sale price totaled $225.00 which is about one third of the purchase price in 1937.

Activities of Outside Agencies: The Atlas Film Corporation movie crew spent an afternoon in the area shooting for a movie on the Natural Resources of Arizona for the Bureau of Mines and securing shots of prehistoric beams for use in a movie on the tree ring method.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FORT NATIONAL MONUMENT

PHILADELPHIA, PENNA.

June 20 19 [illegible]

Superintendent
Fort National Monument
Philadelphia, Penna.

Dear Fellows:

Have finished a report of activities at Fort National Monument for the period of June 1941.

Tighter this month has been Henry Tate to Aunt Kate

Saturday Twelfthnight Evening Park Ranger Sam Jackson at St Tom and a large population of parts already and already days in to study northern as the about clear, for dose of June. Sam or the Monday practice a ship's dinner because he saw a matter seen there in the pro the ship after meeting. He will go along with his to the period that this has been so usual then.

Examinations of slaughter predictions practical unnecessary after that fifty take and with problem of the usual difficulty "maintained". The operations from both Sunny of and Kinnard Tender are passing

Thunderstorm was of this area increased about 40% over that of last month with the previous evaluations as thought and 40% at the Tidewater. If this condition Trend will be well above that of last year; it is still exceeding twenty percent above. The Tender had been the fact that the Tender Tender approach the best passing at all times.

Special Activities: In accordance with attached Park Ranger Tighten as Tuesday a new Park Ranger was given in the Library and Tuesday of the National Park Service for the class in Natural Resource Management.

Unfortunately this had to be spent on the date of the Sunday Evening and now July has to be made to assure the practice that the Leader was still in the Tender. This prime Tender Estate on at 12 hours for third of the previous prize in 1947.

Activities of Public Appearance: The Jaime Film Corporation and a new short on attendance in the area showing for a month in the National Resource of Artists for the Bureau of Mines and economic study of predictors beam for use in a review on the Park Film Project.

Cooperation: An Indian Service car returning one of our Navajos from the hospital at Tuba City got stuck in the cinder on a side road in Wupatki Basin. In trying to get out they managed to break the rear axle. The nurses and the driver were driven back to Tuba City in our pickup, as it was on a Saturday and the Indian Service could not furnish a mechanic.

Publicity: The local radio station KWRZ is very much interested in obtaining material for preparing broadcasts on National Park Service areas, particularly of northern Arizona, for their travel promotion program. They were referred to your office for possible use of the articles which appeared in the July 1948 Arizona Highways Magazine. We loaned them the 1938-39 Radio Broadcast Series prepared in the Director's Office, as they want this sort of material for use during the winter months.

Radio Station KTAR in Phoenix was provided with information on Sunset Crater and Wupatki for their summer travel promotion program.

Research: The Museum of Northern Arizona expedition began test excavation of NA 680 in Black Hawk Valley on June 21. Watson Smith of Peabody Museum is in charge assisted by Milton Wetherill, three students and two Hopis. The site is a small lava boulder pueblo of the early PIII period and with predominant Anasazi influence. As yet no evidence of a kiva has been found. They are working in three rooms and trenching in the "courtyard" has revealed what is probably a pithouse.

Collaborator E. D. McKee and his assistant Bob Ellsworth spent the better portion of two days on the paleogeography of the Moencopi, a project which will probably be finished this year. One afternoon was spent with them by the custodian.

Spring Flow: Wupatki Spring decreased during the past month a total of 133 gallons per day. The flow is now 288 gallons. Reiser Spring also decreased from 1085 to 960 gallons per day.

NPS Visitors: The only NPS visitor this month was Assistant Regional Director Davis and family- almost forgot that Russ Mahan came in from Arches to pick up a WAA surplus water tank.

Among the other visitors was Miss Ruth D. Simpson who is on the curatorr staff of the Southwest Museum, and Dr. Gladys Reichard, anthropologist from Barnard College.

General: Rehabilitation of house trailers continued to be the major project aside from routine maintenance. The bulk of our time was devoted to visitor contact, as it will be for the rest of the summer. Road signs were repainted and in the past this would have been a major project; now it is only a matter of several hours.

David J. Jones
Custodian

[illegible]

[illegible]

[illegible]

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Arches National Monument
Name of Area

June
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans	3	16	5½ hrs.
Walks or Hikes	18	125	2 hrs.
Ruins or Hist. House			
Other			
Total	21	147	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
Headquarters	31	155	1/4 hr.
Windows, etc	17	550	1/2 hr.
(Give Name or Type) Total	48	705	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Windows, etc.	16	577	1 hr.
(Give Name or Type) Total	16	577	1 hr.

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1012
Total Receiving Interp. Serv.

1407
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Hilman

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

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Reports
1 and 420

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Aztec Ruins
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		2	
emporary		1	

June
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Mistx House	247	1640	3/4 hr
ther Museum	309	1905	1/4 hr
Total	556	3545	

TALKS	NO.		
mpfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
oadcasts			
lks			
splays and Exhibits			
plies to Inquiries			
her			

3545
Total Receiving Interp. Serv.

1905
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
page booklets	
pular Studies	150
urce Books	

NAME

TITLE Irving D. Townsend
Custodian.

MARKS: (Please note below any factors influencing interpretive service, such as: useum closed for repairs", "closed for season", "naturalist on sick leave", etc.

NSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Bandelier National Monument~~
Name of Area

June
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent			
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	~~166~~	~~2513~~	~~78 min.~~
ther			
Total	166	2513	

TALKS	NO.		
ampfire	~~1~~	~~25~~	~~60 min.~~
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)	5	39	13
ther (Not connected with conducted trip)	1	15	150
Total	7	79	

ATTENDED INTERPRETIVE STATIONS	DAYS		
~~Fire Lookout~~	~~21~~	~~233~~	~~16 min~~
~~Museum Lobby~~	~~31~~	~~3960~~	~~10~~
(Give Name or Type) Total	52	4193	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
~~eremonial Cave, Tsankowi, Stone Lions~~	~~31~~	~~1320~~	~~——~~
(Give Name or Type) Total	31	1320	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

8105
Total Receiving Interp. Serv.

5284
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Fred M. Bennett

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

~~Canyon de Chelly National Mon.~~
Name of Area

~~June~~
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		One	
emporary	One		

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
Walks or Hikes			
Ruins or Hist. House	13	113	3 Hr
Other			
Total	13	113	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	43	93	20 Min.
Other (Not connected with conducted trip) T.B. RANCH	35	35	
Total		128	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

241
Total Receiving Interp. Serv.

352
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME ~~Meredith M. Guillet~~

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD[illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
~~XXXXXXXXXXXXXXXX~~
COOLIDGE, ARIZONA
Capulin, New Mexico

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS

Capulin Mountain National Monument — M
Name of Area

June
Month

1948
Year

No. of Persons Engaged:

Permanent - Administrative - One

Conducted Trips - None

Talks - - None

Attended Interpretation - Since June 13, 1948, Ranger has contacted approximately forty persons daily in the Monument, replying to inquiries and pointing out things of interest.

Unattended Interpretive Devices - Wayside markers pointing out five of the principal points of interest.

1,000
Total Receiving Interpretive Service

5,000
Total number Visitors to Area

Homer J. Farr
Ranger

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHWESTERN NATIONAL MONUMENTS
COOLIDGE, ARIZONA

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Casa Grande National Monument
Name of Area

June
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary	1		1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	156	1211	44.7 Min.
ther	154	1046	22.3 Min.
Total	310	2257	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Museum etc.		733	
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

2257
Total Receiving Interp. Serv.

1944
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)

6 page booklets	Out of Print
opular Studies	
ource Books	

NAME A.T. Bicknell,
TITLE Custodian.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
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INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

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120905

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chaco Canyon National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		(1) Custodian	
emporary			~~(2) Rangers~~

June
Month

~~1948~~
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	51	235	80 mins
ther			
Total	51	235	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)	40	179	21 mins.
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total	40	179	

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total	0	0	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total	0	0	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

414
Total Receiving Interp. Serv.

220
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME [signature]

TITLE Irving McNeil, Jr.
Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

~~proach roads in dry condition, though rough, most of the month.~~

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INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Chiricahua National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	1
emporary			1

June
Month
1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans	2	37	2 hrs.
alks or Hikes			
uins or Hist. House			
ther			
Total	2	37	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters Museum	30	1190	1/4 hr.
(Give Name or Type) Total	30	1190	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Massai Pt. Orientation Station	30	686	1/4 hr.
(Give Name or Type) Total	30	686	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

GOVERNMENT PUBLICATIONS SOLD (number)
5 page booklets
opular Studies
ource Books

1913
Total Receiving Interp. Serv.
1371
Total Number Visitors to Area

NAME Clair V. Cooke
Clair V. Cooke,
TITLE Custodian, Chiricahua Natl Mon.

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

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120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN HISTORIC & ARCHEOLOGIC AREAS

El Morro National Monument

	June 1948
Custodian, Ranger	
	~~350~~ 361
) 0	0
85	350
0	0
0	0
0	
6	
361	
711	

9---Actual No. Visitors
10---2 plus 4.

Contact Time: 85 hours (one hour per tour)

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

GRAN QUIVIRA NATIONAL MONUMENT
Name of Area

JUNE
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	51	186	44 Min
Other			
Total	51	186	37 Hrs.

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

186*
Total Receiving Interp. Serv.

256
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME William L. Bowen

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

An additional 48 people, local residents, here to use telephone or on other business were also contacted.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

GREAT SAND DUNES NATIONAL MONUMENT
Name of Area

JUNE
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Contact Station - Sundays and week days as work permitted	27	1505	10 mins
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

1505
Total Receiving Interp. Serv.
1956
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Ted C. Sowers
TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

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THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF THE INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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120905

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

Montezuma Castle National Monument
Name of Area

June
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			1

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House	195	960	1 hour
ther			
Total	195	960	

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Museum (not continuously attended)	31	984	15 min.
Orientation (connected with conducted tour but information received by those not making tour.)	31	1163	10 min.
(Give Name or Type) Total	62	2147	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
Sycamore Trail (Self guiding nature trail)	31	No record	
	20	634	
(Give Name or Type) Total	51	634	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

3741
Total Receiving Interp. Serv.

3021
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Homer T. Hastings

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

The Montezuma Well museum is not yet fully organized.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

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INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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120505

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Natural Bridges National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			—
Temporary			1

June
Month

1948
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans		—	
Walks or Hikes	2	6	4 hrs.
Ruins or Hist. House			
Other		—	
Total	2	6	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.	—	
Headquarters	26	361	1/2 hr.
	—	—	
(Give Name or Type) Total	26	361	

UNATTENDED INTERPRETIVE DEVICES	NO.	—	
Headquarters	5	67	1/2 hr.
		—	
(Give Name or Type) Total	5	67	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2	5	1/2 hr.
Other			

434
Total Receiving Interp. Serv.

428
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME Russell L. Mahan

TITLE Acting Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

NAVAJO NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			1(intermittent laborer)

JUNE
Month

1948
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans ~~XXXXXXXXXX~~ Sandal Trail	15	79	½ hr.
Walks or Hikes ~~XXXXXXXXXX~~ BETATAKIN	8	62	2½ hr.
Ruins or Hist. House ~~XXXXXXXXXX~~ KEET SEEL	3	46	8½ hr.
Other ~~XXXX~~ SCAFFOLD HOUSE	2	41	2 hr.
Total	28	228	13½

TALKS	NO.		
Campfire	3	128	1 hr.
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	1		mail
Other			

356
Total Receiving Interp. Serv.

115
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME

TITLE J.W. Brewer, Jr., ~~Custodian~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

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COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

ORGAN PIPE CACTUS NATIONAL MONUMENT
Name of Area

June
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	0	1	1
Temporary	0	0	0

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total	0	0	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	DAYS		
Headquarters	4	90	½
(Give Name or Type) Total	4	90	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

90
Total Receiving Interp. Serv.

8127
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
16 page booklets
Popular Studies
Source Books

NAME
TITLE William R. Supernaugh, Custodian.

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Office open only 4 days due to demands of other work.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Saguaro National Monument
Name of Area

June
Month
1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	
emporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Monument Headquarters	30	339 people in 99 parties	1330 min. total; 14 min. avg.
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
plies to Inquiries			
ther			

339
Total Receiving Interp. Serv.
896
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
5 page booklets
opular Studies
ource Books

NAME Samuel A. King

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Sunset Crater National Monument
Name of Area

June
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent			
Temporary			1

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House			
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)	167	500	15
Other (Not connected with conducted trip)			
Total	167	500	

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Trailside Signs	567	1700	05
(Give Name or Type) Total	567	1700	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

2200 (estimated)
Total Receiving Interp. Serv.

4250 (estimated)
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME David J. Jones

TITLE In Charge

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.
Ranger on duty doing part time public contact work.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

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TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

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INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

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Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tonto National Monument
Name of Area

June
Month

1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or ~~Ruins/Ruins~~	100	272	45 min av.
Other			
Total	100	272	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
dq office-museum	31	857	15 min av.
(Give Name or Type) Total	31	857	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

1129
Total Receiving Interp. Serv.

960
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME Charles C. Sharp

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

Archaeologist resigned June 6, not replaced during June.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Reports
8m3 and 9m3

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*
TUMACACORI NATIONAL MONUMENT
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	1
Temporary			

June
Month
1948
Year

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	150	792	36 minutes
Other			
Total	157	792	

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total	0	0	

ATTENDED INTERPRETIVE STATIONS	NO.		
Combined Information and Interpretation Service at registry desk or in museum. All visitors save run-arounds get this service.	1	1392	5 mins. ave
(Give Name or Type) Total	1	1392	

UNATTENDED INTERPRETIVE DEVICES	NO.		
Museum and patio garden, self-guiding	2	1392	20 mins.*
(Give Name or Type) Total	2	1392	

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	2		
Other			

3576
Total Receiving Interp. Serv.
1426**
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	none
Popular Studies	"
Source Books	"

NAME Earl Jackson

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

* Estimate
** Visitor total includes 34 run-srounds

All facilities and devices open 31 days.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.
INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.
INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

TUZIGOOT NATIONAL MONUMENT
Name of Area

JUNE
Month
1948
Year

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent	ONE	ONE	
Temporary			

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	515	1662	23 mins.
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)	512	1648	21 mins
Orientation (Not connected with conducted trip)	400	1250	5 mins.
Other (Not connected with conducted trip)			
Total	912		

ATTENDED INTERPRETIVE STATIONS	DAYS		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries	4		
Other			

4560
Total Receiving Interp. Serv.
1800
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Everett W. Bright
TITLE Everett W. Bright ~~Custodian.~~

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
"OTHER" ARE RANGERS, CLERICAL PERSONNEL, AND THE LIKE WHO MAY BE CALLED IN TO HELP INTERPRET THE AREA.

CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

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THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

120905

Section 304
Reports
411 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Walnut Canyon National Monument
Name of Area

NUMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		One(part-time)	One(part-time)
Temporary			

June
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	4	105	1 1/6 hr
Other			
Total			

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
Overlook at Admin. Bldg.	31	3,804	1/3 hr
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	DAYS		
3,165 made Ruins trip unattended)			
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
Broadcasts			
Talks			
Displays and Exhibits			
Replies to Inquiries			
Other			

3,909
Total Receiving Interp. Serv.

4,727
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
16 page booklets	
Popular Studies	
Source Books	

NAME Paul L. Beaubien

TITLE Custodian

REMARKS: (Please note below any factors influencing interpretive service, such as: "museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

*INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PURPOSE OF THIS FORM IS TO SECURE AN ACCURATE RECORD OF INTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

"INTERPRETIVE" PERSONNEL ARE NATURALISTS OR RANGER NATURALISTS, HISTORIANS, AND HISTORICAL AIDES.
"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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CONDUCTED TRIPS: TRIPS CONDUCTED BY N.P.S. PERSONNEL IN THE FIELD OR THROUGH RUINS, TO HISTORIC STRUCTURES, OR OTHER FEATURES OF THE AREA.

TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

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120905

ection 304
Reports
11 and 420

120905

MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES IN NATIONAL PARK AREAS*

White Sands National Monument
Name of Area

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
ermanent		1	2
emporary			1

[redacted]
Month

1948
Year

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
uto Caravans			
alks or Hikes			
uins or Hist. House			
ther			
Total			

TALKS	NO.		
ampfire			
otel or Lodge			
useum (Not connected with conducted trip)			
rientation (Not connected with conducted trip)			
ther (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	DAYS		
[redacted]	[redacted]	[redacted]	
(Give Name or Type) Total	[redacted]	[redacted]	

UNATTENDED INTERPRETIVE DEVICES	DAYS		
(Give Name or Type) Total			

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks			
isplays and Exhibits			
eplies to Inquiries			
ther			

[redacted]
Total Receiving Interp. Serv.

[redacted]
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD	(number)
6 page booklets	
opular Studies	
ource Books	

NAME [illegible]

TITLE [redacted]

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

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FILL OUT ONLY THOSE BLOCKS THAT APPLY

EXPLANATION OF TERMS USED

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"ADMINISTRATIVE" ARE CUSTODIANS, SUPERINTENDENTS, ETC., CALLED ON TO ASSIST WITH INTERPRETATION.
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TALKS: REGULARLY SCHEDULED TALKS WITHIN SERVICE AREAS PRESENTED EITHER BY SERVICE PERSONNEL OR BY OUTSIDE SPEAKERS UNDER SERVICE SPONSORSHIP. NOT TO INCLUDE ANY TALKS MADE AS PART OF A CONDUCTED TRIP OR OTHER INTERPRETIVE DEVICE.

ATTENDED INTERPRETIVE STATIONS: ACTUAL COUNT OF PERSONS USING THE STATION (LIBRARY, CONTACT STATION, EXHIBIT ROOMS, STUDY COLLECTIONS, ETC.), COUNT BEING MADE BY SERVICE PERSONNEL IN ATTENDANCE. CHECKING STATIONS OR OFFICES DISPENSING INFORMATION RATHER THAN INTERPRETIVE SERVICE SHOULD NOT BE CONSIDERED AS ATTENDED INTERPRETIVE STATIONS.

INFORMATION IS FACTUAL MATTER RELATIVE TO PHYSICAL DEVELOPMENTS, PHYSICAL FACILITIES, GEOGRAPHIC LOCATIONS, RULES AND REGULATIONS OF THE AREA, AND THE UTILIZATION OF THESE FACILITIES BY THE PUBLIC. IT INCLUDES DATA ON ROUTES AND ROADS, HOTEL ACCOMMODATIONS, BUS AND TRAIN SCHEDULES, AND SIMILAR MATTERS OUTSIDE OF THE AREA REGARDING WHICH VISITORS INQUIRE.

INTERPRETATION IS AN ACCURATE EXPLANATION OF THE MANIFESTATIONS OF NATURAL HISTORY AND HUMAN HISTORY FOUND WITHIN THE AREA.

UNATTENDED INTERPRETIVE DEVICES: UNDER THIS HEADING SHOULD BE ESTIMATED AS ACCURATELY AS POSSIBLE ALL VISITORS USING EXHIBITS-IN-PLACE, ORIENTATION STATIONS, AND OVERLOOKS, WAYSIDE SHELTERS HOUSING INTERPRETIVE DEVICES, TRAILSIDE EXHIBITS, SELF-GUIDING NATURE TRAILS AND AUTO CARAVAN ROUTES, AND THE LIKE AT WHICH SERVICE PERSONNEL IS NOT ON DUTY. HISTORICAL AREAS WILL FIND IN MANY CASES THAT THIS SECTION OF THE FORM DOES NOT APPLY.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: THIS INCLUDES ALL INTERPRETIVE ACTIVITIES PERFORMED OR PROVIDED BY SERVICE PERSONNEL OUTSIDE THE AREA. NUMBER OF REPLIES IN RESPONSE TO WRITTEN REQUESTS FOR INTERPRETIVE DATA SHOULD BE INDICATED.

INSTRUCTIONS FOR FILLING OUT THE FORM

COLUMN #1 RECORDS THE NUMBER OF TRIPS CONDUCTED DURING THE MONTH, THE NUMBER OF TALKS MADE, AND THE NUMBER OF DAYS ON WHICH INTERPRETIVE STATIONS AND DEVICES ARE OPEN TO THE PUBLIC.

COLUMN #2 INDICATES THE TOTAL ATTENDANCE OF VISITORS AT EACH CLASS OF TRIP, TALK, STATION, OR DEVICE. PLEASE TOTAL EACH COLUMN IN ALL BLOCKS.

COLUMN #3 SHOWS THE AVERAGE AMOUNT OF TIME OF EACH CLASS OF SERVICE, OR THE AVERAGE TIME SPENT BY VISITORS IN USING EACH INTERPRETIVE DEVICE. SOME STUDY OF VISITOR HABITS MUST BE MADE WITH PERIODIC CHECKING AT OCCASIONAL INTERVALS.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA ARE INCLUDED ON THIS FORM AS A MATTER OF RECORD ONLY. THEY SHOULD NOT BE INCLUDED IN THE TOTALS IN THE LOWER RIGHT-HAND CORNER OF THE FORM.

TOTALS: A SUMMARY OF INTERPRETIVE SERVICES FURNISHED VISITORS WITHIN THE AREA IS PROVIDED FOR IN THE LOWER RIGHT-HAND CORNER. TOTAL ATTENDANCE SHOWS THE ACTUAL NUMBER OF VISITORS WHO TOOK ADVANTAGE OF THE VARIOUS INTERPRETIVE SERVICES OFFERED. SINCE EACH VISITOR MAY USE SEVERAL DIFFERENT INTERPRETIVE DEVICES, THIS ATTENDANCE MAY RECORD A TOTAL CONSIDERABLY IN EXCESS OF THE VISITORS REGISTERED IN THE AREA DURING THE SAME PERIOD. FOR COMPARISON, THE TOTAL NUMBER OF VISITORS TO THE AREA DURING THE MONTH SHOULD BE SHOWN.

THIS REPORT DUE: FROM ALL NATIONAL PARK SERVICE AREAS PROVIDING ANY INTERPRETIVE SERVICES. SEND TWO COPIES TO THE REGIONAL DIRECTOR WHO WILL FORWARD ONE TO THE DIRECTOR. ONE COPY SHOULD BE RETAINED BY THE SUPERINTENDENT OR CUSTODIAN OF THE AREA IN WHICH THE REPORT ORIGINATES. COORDINATING SUPERINTENDENTS ALSO SHOULD BE PROVIDED WITH A COPY. DUE IN THE REGIONAL DIRECTOR'S OFFICE NOT LATER THAN THE 6TH OF THE MONTH FOLLOWING THAT COVERED BY THE REPORT.

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MONTHLY STATISTICAL REPORT OF INTERPRETIVE SERVICES
IN NATIONAL PARK AREAS*

Tupatki National Monument
Name of Area

June
Month

1948
Year

UMBER OF PERSONS ENGAGED:

	Interpretive	Administrative	Other
Permanent		1	
Temporary			

26646

CONDUCTED TRIPS	NO.	ATTENDANCE	DURATION
Auto Caravans			
Walks or Hikes			
Ruins or Hist. House	151	452	40
Other			
Total	151	452	40

TALKS	NO.		
Campfire			
Hotel or Lodge			
Museum (Not connected with conducted trip)			
Orientation (Not connected with conducted trip)			
Other (Not connected with conducted trip)			
Total			

ATTENDED INTERPRETIVE STATIONS	NO.		
(Give Name or Type) Total			

UNATTENDED INTERPRETIVE DEVICES	NO.		
Nalakihu Exhibit	76	228	05
(Give Name or Type) Total	76	228	05

INTERPRETIVE ACTIVITIES OUTSIDE OF PARK AREA

	NO.	ATTENDANCE	DURATION
roadcasts			
alks	1	10	60
isplays and Exhibits			
eplies to Inquiries			
ther			

680
Total Receiving Interp. Serv.

830
Total Number Visitors to Area

GOVERNMENT PUBLICATIONS SOLD (number)
6 page booklets
opular Studies
ource Books

NAME David J. Jones

TITLE Custodian

EMARKS: (Please note below any factors influencing interpretive service, such as: museum closed for repairs", "closed for season", "naturalist on sick leave", etc.

INSTRUCTIONS FOR FILLING OUT THIS FORM ON OTHER SIDE. Please read them carefully.

THE PU[illegible]E OF THIS FORM IS TO SECURE AN ACCURATE RECORD [illegible]NTERPRETIVE SERVICES FURNISHED VISITORS ON A UNIFORM BASIS FOR ALL N.P.S. AREAS.

Fill in Only Those Blocks That Apply

EXPLANATION OF TERMS USED

"INTERPRETIVE" Personnel are Naturalists or Ranger Naturalists, Historians, and Historical aides.
"ADMINISTRATIVE" are Custodians, Superintendents, etc., called on to assist with interpretation.
"OTHER" are Rangers, Clerical Personnel, and the like who may be called in to help interpret the area.

CONDUCTED TRIPS: Trips conducted by N.P.S. personnel in the field or through ruins, to Historic structures, or other features of the area.

TALKS: Regularly scheduled talks within Service areas presented either by Service Personnel or by outside speakers under Service sponsorship. Not to include any talks made as part of a conducted trip or other interpretive device.

ATTENDED INTERPRETIVE STATIONS: Actual count of persons using the station (Library, contact station, exhibit rooms, study collections, etc.), count being made by Service personnel in attendance. Checking stations or offices dispensing INFORMATION rather than interpretive service should not be considered as attended interpretive stations.

INFORMATION is factual matter relative to physical developments, physical facilities, geographic locations, rules and regulations of the area, and the utilization of these facilities by the public. It includes data on routes and roads, Hotel accommodations, bus and train schedules, and similar matters outside of the area regarding which visitors inquire.

INTERPRETATION: is an accurate explanation of the manifestations of Natural History and Human History found within the area.

UNATTENDED INTERPRETIVE DEVICES: Under this heading should be estimated as accurately as possible all visitors using exhibits-in-place, orientation stations, and overlooks, wayside shelters housing interpretive devices, trailside exhibits, self-guiding nature trails and auto caravan routes, and the like at which Service Personnel is not on duty. Historical areas will find in many cases that this section of the form does not apply.

INTERPRETIVE ACTIVITIES OUTSIDE THE AREA: This includes all interpretive activities performed or provided by Service personnel outside the area. Number of replies in response to written requests for interpretive data should be indicated.

INSTRUCTIONS FOR FILLING IN THE FORM

COLUMN 1 Records the number of trips conducted during the month, the number of talks made, and the number of interpretive stations and devices open to the public. The number of days the stations and devices were available may be indicated under "REMARKS".

COLUMN 2 Indicates the total attendance of visitors at each class of tip, talk, station, or device. Please total each column in all blocks.

COLUMN 3 Shows the AVERAGE amount of time of each class of Service, or the average time spent by visitors in using each interpretive device. Some study of visitor habits must be made with periodic checking at occasional intervals.

INTERPRETIVE ACTIVITIES OUTSIDE OF THE AREA are included on this form as a matter of record only. They should not be included in the totals in the lower right-hand corner of the form.

TOTALS: A summary of interpretive services furnished visitors within the area is provided for in the lower right-hand corner. Total Attendance shows the actual number of visitors who took advantage of the various interpretive services offered. Since each visitor may use several different interpretive devices, this attendance may record a total considerably in excess of the visitors registered in the area during the same period. For comparison, the total number of visitors to the area during the month should be shown.

THIS REPORT DUE: From all National Park Service areas providing any interpretive services. Send two copies to the Regional Director who will forward one to the Director. One copy should be retained by the superintendent or custodian of the area in which the report originates. Coordinating superintendents also should be provided with a copy. Date due in accordance with instructions in Administrative Manual, Vol. 15, Chapters 8 (Report 8m3) and 9 (Report 9m3).